

The CHEMIST AND DRUGGIST

Established 1859

28 Essex Street, Strand, London, W.C.2

Registered as a Newspaper

No. 2828
VOL. CXX.

APRIL 21, 1934

Annual Subscription (with
Diary) 20/- Single Copies 9d.

A New and Palatable HALIBUT LIVER OIL preparation with MALT & GLUCOSE

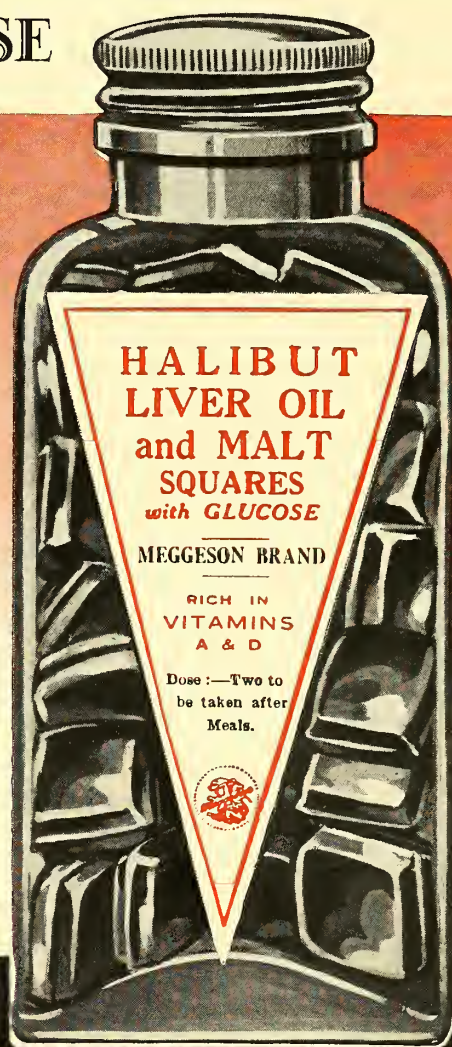
- ★ Each square contains
Vitamins A and D
equivalent to one
dessertspoonful of
Malt & Cod Liver Oil
- ★ Readily taken by
children who cannot
tolerate Cod Liver Oil

PACKED IN BOTTLES AS ILLUSTRATED
(ACTUAL SIZE)

PER DOZ. 9/- NETT

PRICE 1s. 3d. RETAIL

ATTRACTIVE SHOWCARDS WILL
BE SUPPLIED ON REQUEST



MEGGESON & CO LTD
ESTABLISHED 1796 LONDON S.E. 16.

Telephones: BERMONDSEY 1741-1742 (Private Branch Exchange)

REGISTERED
UGB
TRADE MARK

The
Perfect Pair

TO BEAUTIFY and SELL YOUR PRODUCT

OPAL POTS of unexcelled quality—Clear crystal white flint PERFUME and TOILET WATER Bottles complete with moulded KORKALITE Screw caps in attractive colours. U.G.B. products stand foremost in quality and glass packaging design.

UNITED GLASS BOTTLE
MANUFACTURERS LIMITED

The Largest Manufacturers of Glass Bottles in Europe
40-43 NORFOLK STREET, STRAND,
LONDON, W.C. 2

Telephone: TEMPLE BAR 6680 (10 lines). Telegrams: "Unglaboman, Estrand, London."

GLASS BOTTLES MANUFACTURED BY

ENSURE REPEAT BUSINESS

by featuring these **QUALITY** preparations



Cut price articles do not as a rule build up Goodwill. The Toilet articles illustrated on this page

**RETAIL AT A MODERATE PRICE
SHOW YOU A GOOD PROFIT**

AND

GIVE YOUR CUSTOMERS SATISFACTION

Only in this way can a sound business be established in the Toilet trade.

Samples will be sent on application.

ROYAL TOILET SERIES

Bay Rum
Bay Rum and Cantharides
Brilliantine
(also odourless)
Complexion Milk

Dandruff Cure
Hair Fixing Cream
Hair Tonic
Honey and Almonds
Honey and Flowers

Liquid Face Powder
Shampoo Foam
Setting Lotion
Toilet Paraffin
Violet Oil

Prices : 2 oz. **6/-** per dozen 4 oz. **7/6** per dozen (6 dozen assorted **7/-**)
8 oz. **12/-** per dozen

LANOLINE CREAM



Is a liquid cream containing adeps lanæ in perfect suspension, and is therefore an ideal skin food. It can be used for a variety of different purposes, including Base for Face Powder, for chapped hands, etc., or for use after shaving.

This Cream is packed under YOUR OWN NAME or BRAND when 3 dozen are ordered.

Specimen labels sent on application.

2 oz. **6/-** dozen Retail **10½d.**
4 „ **10/-** „ „ **1/6**

ARTHUR H. COX & CO LTD

Manufacturing Chemists,

BRIGHTON

SCRUBB'S

SPRING ADVERTISING OFFENSIVE IN 35 LARGE CIRCULATION PAPERS

*Watch your sales of NEW LARGE
size and new 6d. size grow.*

4 GREAT NATIONAL NEWSPAPERS CARRY 11 ADVERTISEMENTS EACH.

The four million readers of the Daily Mail, Daily Express, Morning Post and Daily Telegraph will be constantly reminded that Scrubb's Cloudy Ammonia is invaluable to them throughout the months of April, May, June and July.

NINE MAGAZINES PLAY THEIR PART.

The National advertising will be supported by advertisements in Home Chat, Home Notes, Woman's World & Home Companion, People's Friend, Woman & Home, Ideal Home, Truth, The Field and the Countryman.

19 SCOTTISH AND PROVINCIAL NEWSPAPERS TAKE A HAND.

Local interest will be secured by regular advertising in Aberdeen, Edinburgh, Dundee, Glasgow, Birmingham, Liverpool, Manchester, Sheffield, Leeds, Bristol, Newcastle, Nottingham, Portsmouth, Leicester, Hull, Plymouth, Norwich, Ipswich.

SEPARATE ADVERTISING CAMPAIGN FOR SCRUBB'S BATH DELIGHT

Scrubb's Bath Delight certainly leapt into fame and popularity when it was offered free to readers of the Daily Mail.

Sales will be maintained and increased by regular advertising in the Tatler (whole pages), Daily Mirror and Good Housekeeping.

Make sure your stocks are ample to meet the demand Scrubb's is creating for you. Put Scrubb's well to the fore in your shop so that you may be sure of getting your full share of the business.

Manufactured by :

SCRUBB & Co Ltd. Glasshouse Street, Lambeth, S.E.11, and solely distributed
by R. W. Greeff & Co. Ltd., Thames House, Queen Street Place, E.C.4.

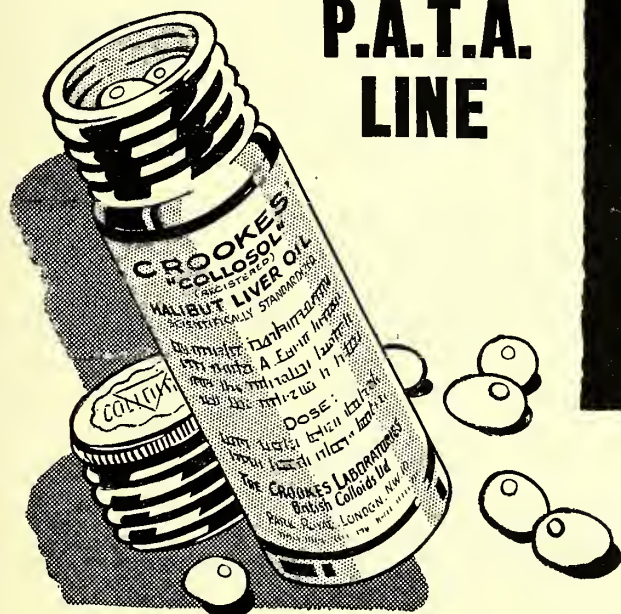
NET BIGGER PROFITS *THIS SUMMER*

The Public Press advertisements appearing throughout the Summer months stress the importance of Halibut Liver Oil to ensure sound teeth, and the absolute necessity for Vitamins A and D in ante-natal and post-natal diet.

The bonus terms offer is again repeated.



**P.A.T.A.
LINE**



Remember —
CROOKES'
HALIBUT LIVER OIL
gives you
70%
profit on outlay!

THE CROOKES LABORATORIES
(BRITISH COLLOIDS LTD.)

Park Royal - - London, N.W.10.

Telephone - - Willesden 6313 (3 lines)

Telegrams - - "Collosols Harles, London."

1934

Size	Case Containing	Minimum Retail Price	Price per Dozen	PRICES PER DOZ.	
				Complete Case	30/- orders, assorted any quantity
6-oz.	4 1-doz. Cartons	6d.	4/9	4/8	4/8
12-oz.	4 1-doz. Cartons	1/-	9/3	9/-	9/-
32-oz.	2 1/2-doz. Cartons	2/6	23/-	22/6	22/6
7-lb.	4 7-lb. Tins	7/6	Per tin 6/-	Tin 5/9	Per tin 5/9
	NOBBY'S Bottling Syphons (Case contains 2-doz.)	9d.	Per doz. 7/-	Doz. 6/9	Per doz. 6/9
	Terms: 7-days 1 1/4%. 30-days Net. Carriage paid.				

NOBBY'S PRICE LIST

Here's Nobby, bobbing up again, ready to help you produce more profit during the season on Nobby's Light and Nobby's Dark, two excellently packed products, made to meet the requirements of those who wish to brew at home. You need no licence to sell Nobby's.



Nobby's Light... Nobby's Dark... 1d. per Pint

Nobby's extract of the finest Barley Malt and Hops makes home brewing easy. A 6 oz. enamel tin makes 6 pints, a 12 oz. tin makes 12 pints and a 32 oz. tin makes 32 pints. Your most exacting customer cannot expect more than Nobby's Light and Nobby's Dark at 1d. per pint. Available through all wholesalers or from Nobby's Products Limited, The Factory, Hyde, Cheshire.

NOBBY'S

LIGHT & DARK

for making ALE for making STOUT

Brewed at Home

INDEX TO ADVERTISERS

Andresen, E. A. (Neda Fruit Cubes) ...	xii	Camlatone, Ltd. (Shampoos)	14	Hill, Thos., Engineering Co. (Hull), Ltd. (Bottle Washing Machinery) ...	32
Armour & Co., Ltd. (Junket)	30	Christy, T., & Co. (Co-re-ga)	22	Horner, L. A., & Sons (Drugs, &c.) ...	ii
Aspro, Ltd. (Aspro)	xv	Clark, S. F. (Valuer, &c.)	Col. Supp.	Howards & Sons, Ltd. (Bismuth Car- bonate)	i
Association of Manfg. Chemists, Ltd. Col. Supp.		Cossor, A. C., & Son (Thermometers), Ltd. (Clinical Thermometers)	27	Ilford, Ltd. (Selo Films)	32
Ayer, Harriet Hubbard, Ltd. (Toilet Preps.)	12	Cox, A. H., & Co., Ltd. (Royal Toilet Series)	1	Imperial Chemical Industries, Ltd. (Hypo)	iii
Ayrton, Saunders & Co., Ltd. (Whole- sale Druggists)	Cover	Crookes Laboratories (Halibut Liver Oil)	3	International Chemical Association (Renipas)	xviii
Bailey, R., & Son, Ltd. ("Steraid" Dressings)	25	Dalmas, A. de St., & Co., Ltd. (Corn Preparations)	22	Johns, Son & Watts, Ltd. (Cartons and Boxes)	28
Barker, R., & Son, Ltd. (Infants Pre- servative)	xviii	Dudley & Co., Ltd. (Display Counters)	22	Josephs, Philip, & Sons, Ltd. (Shop- fittings)	Col. Supp.
Barnett, Jack L., Ltd. (Bottles)	22	English Grains Co., Ltd. (Yestamin) ...	xvi	Kay Bros., Ltd. (Linseed Compound)...	xii
Beechams Pills, Ltd. (Beechams Lung Syrup)	xi	Fellows Medical Manfg. Co., Inc. (Fellows Syrup)	xii	Kent, G. B., & Sons, Ltd. (Pedigree Brushes)	12
Bell, John, Hills & Lucas, Ltd. (Extract of Malt with Parrish's Food) Leader Page		Gambles, J. C., & Co., Ltd. (Odo- ro-no)	22	King, G., & Co., Ltd. (Foods)	Cover
Benckiser, J. A. (Tartaric Acid, &c.)...	iv	Gardner, W., & Sons (Glos.), Ltd. (Machinery)	29	King, J. C., Ltd. (Showcases)	26
Berdoe & Fish, Ltd. (Valuers, &c.) Col. Supp.		General Optical Co. (Anti-Glare Spec- tacles)	8	Kolynos (Sales), Ltd. (Antiseptic Den- tal Cream)	21
Blackie, R. (Ointments)	x	George, Ernest J., & Co. (Valuer, &c.) Col. Supp.		Lawrence, G. H., Ltd. (Razor Blades)...	14
Blythe, W., & Co., Ltd. (Chemicals) ...	iv	Gibbs, Antony, & Sons (Iodine).....	viii	Lennon, Ltd. (South African Agencies)	vi
Bob Martin, Ltd. (Dog Remedies)	xx	Gravfil Fillers (Vacuum Filling Ma- chines)	29	Lilly, Eli, & Co., Ltd. (Pharmaceutical Preparations)	17-20
Brierley, John (Valuer, &c.)	Col. Supp.	Grout & Co., Ltd. (Crêpe Bandages) ...	32	London & Provincial Factors, Ltd. (Wanie Blades)	16
British Felsol Co., Ltd. (Asthma Remedy)	Leader Page	Hackett, S. E. (Film Overstocks) Col. Supp.		London College of Pharmacy	26
Burall Bros. (D. & P. Service)	22	Halmagon Brand Preparations	viii	London Rubber Co. (Durex).....	24
Burge, Warren & Ridgley, Ltd. (Sur- gical Rubber Goods)	24	Hay, Wm., Ltd. (Sun Tan Oil)	14	Low, Son & Haydon (Toilet Preps.) ...	22
Burrough, James, Ltd. (Sherry, &c.) Leader Page				McGlashan, D., Ltd. (Abdine)	22
Burroughs Wellcome & Co. (Ephre- drine)	35			Martin, Bob, Ltd. (Dog Preparations) xx	

[Continued overleaf.]

Emulsification today demands
the use of the best practical
plant working under the most
economic conditions

Investigate the PREMIER



Tests carried out free
of charge on your own
materials.

Demonstration Labora-
tories at Prince Regent's
Wharf, Silvertown,
London, E.16.

EMULSIFYING MILL

IN GENERAL USE FOR

COSMETICS and SHAVING CREAMS, LIP STICKS, SKIN CREAMS,
FOOD PRODUCTS, HAIR PREPARATIONS, VISCOUS EMULSIONS,
PERFUMERY PRODUCTS, OINTMENTS, etc.

PREMIER COLLOID MILLS LTD.

Brettenham House, Wellington St., Strand, London, W.C.2

Phone: Temple Bar 5801 (5 lines).

Telegrams: "Burboul, Rand, London."

INDEX—cont.

Martindale, W. ("E.S.T.P.")	xiii	Pond's Extract Co., Ltd. (Face Powder)	23	South of England College of Pharmacy	22
Mather, William, Ltd. (Plaisters, &c.)	25	Potter & Clarke, Ltd. (Wholesale Druggists)	33	Spencer Bros. (Face Cloths)	15
Matthews & Wilson (1931), Ltd. (Pills, &c.)	vi	Premier Colloid Mills, Ltd. (Emulsifying Mill)	5	Splett & Co. (Gelatine)	ix
Matthews, D., & Son (Shopfittings)	Col. Supp.	Radio Times, The	10	Sterns, Ltd. (Oils, Petroleum)	xiv
Matthews Laboratories, Ltd. ("Nostroline")	Leader Page	Raleigh Cycle Co., Ltd. (Delivery Cycles)	31	Summer's Typhoo Tea, Ltd.	Leader Page
Maund, F., & Berg, E., Ltd. (Showcases)	24, Col. Supp.	Ransom, W., & Son, Ltd. (Solid Extracts, &c.)	Cover	Tenz, Ltd. (Deodorant Tablets)	22
Maw, S., Son & Sons, Ltd. (Toothbrush Holders)	11	Remogland Chemical Co.	xviii	Thompson, John (Wholesale Druggists, 1921), Ltd. (Photographics)	6
Mawdsley, D., & Co. (Malt and Cod Liver Oil)	22	Reckitt & Sons, Ltd. (Dettol)	xiv	Thornton & Ross, Ltd. (Olive Oil)	viii
Meggeson & Co., Ltd. (Halibut Liver Oil and Malt Squares)	Cover	Riley, J., & Sons, Ltd. (Hypo, &c.)	ii	Thurley, G. E., & Son (Liquid Paraffin)	viii
Mosans Quinine Pessaries	24	Rivista Italiana delle Essenze e Profumi	xiii	Toogood, Wm., Ltd. (Bottle Filling Apparatus)	28
Mundet Cork Products, Ltd. (Corks and Stoppers)	16	Robb, A., & Co., Ltd. (Price Reductions)	xviii	Town Talk Polish Co. (Liquid Silver Polish)	xvii
Mysore, Trade Commissioner for, in London (Sandalwood Oil)	iv	Sasso, P., & Figli (Olive Oil)	34.	Trufood, Ltd. (Advita, Essogen)	xvi
Napp, H. R., Ltd. (Hydroquinone)	ii	Saville Perfumery, Ltd. (June Beauty Products)	13	United Glass Bottle Manufacturers, Ltd. (Opal Pots)	Cover
Newball & Mason, Ltd. (Waterglass)	32	Scherer, Ltd. ("Medinal," &c.)	Col. Supp.	Veno Drug Co., Ltd. (Veno Products)	7
News of the World	9	Scruton, O., & Co. (Nurse Harvey's Mixture)	27	Viggo-malt, Ltd. (Home Brewing Malt and Hops)	xviii
Nobby's Products, Ltd. (Extract for Brewing)	4	Scrubb & Co., Ltd. (Ammonia)	2	Wagner, R. V. (Bottle Caps)	16
Novio Paper Co. (Toilet Paper)	26	Seurr, C. A. (Optical Tuition)	22	Warrick Bros., Ltd. (Grape Fruit Glucose Drops)	36
Olley, C., & Sons, Ltd. (Corks)	xvii	Shadeine Co. (Hair Dyes)	22	Webb, Wm. A., Ltd. ("White Monarch" Balance)	26
Orridge & Co., (Valuers, &c.)	Col. Supp.	Shaw, J., & Sons, Ltd. (Trojan Outfits)	27	Westminster College of Pharmacy	26
Parke, Davis & Co. (Hydrogen Peroxide)	vii	Silvertown Lubricants, Ltd. (Liquid Paraffin)	x	Whiffen & Sons, Ltd. (Sandalwood Oil, &c.)	Cover
Pearson & Co. (Chesterfield), Ltd. (Stoneware Containers)	24	Simpkin, A. L., & Co., Ltd. (Halibut Liver Oil Hexagons)	xvii	Wood Bros. Glass Co., Ltd. (Quality Glassware)	29
Pindar, J. W., & Co. (Machinery)	25	Smith, T. & H., Ltd. (Alkaloids)	vi	Wyleys, Ltd. (Elixir Bromo-Valerian Comp, &c.)	Leader Page
Pitman, Sir Isaac, & Sons, Ltd. (Books)	22	Solazzi Liquorice	Cover	Zeal, G. H., Ltd. (Clinical Thermometers)	25
		Solport Bros., Ltd. (Watersprite Face Cloths)	16	Zimmermann, C., & Co., Ltd. (Chemicals, &c.)	v
		Southall Bros. & Barclay, Ltd. (Sanitary Towels)	27		

Everything in Photographics

**FOR ALL CHEMISTS
ON THE APPROVED LIST OF THE
PHOTOGRAPHIC DEALERS'
ASSOCIATION**

**Fresh Stocks
Prompt Service
Speedy Delivery**

SPECIAL NOTE

**" ENSIGN " CAMERAS.
" ENSIGN," " SELO " &
OTHER FILMS.
" SOHO " & " CORONET "
CAMERAS.**

**John Thompson
(WHOLESALE
DRUGGISTS, 1921) Ltd.**

**APPROVED PHOTOGRAPHIC DEALERS
27-35 DUKE STREET, LIVERPOOL**

Grams: " Drugs, L'pool " Phone: Royal 1434 (6 lines)

YES!

Are the Veno Products popular?
Yes! Are they medicinally safe and
efficient? Yes! Do they allow a good
margin of profit? Definitely yes!



● VENO products are forging ahead

What does a chemist look for most when he is laying in stock? Popularity of the product? Efficacy? Press advertising to help sales? The Veno Products fulfil all these requirements. There is no question about their popularity. The immense public demand proves this beyond a shadow of doubt. Hundreds of testimonials from grateful users prove medicinal efficiency. And finally a huge advertising appropriation keeps the already big demand on the increase. What more could any stockist ask? Germolene Ointment, Dr. Cassell's

Tablets and Venos Cough Cure are a trio of products that lead to prosperity. Stock them—and SELL them—NOW!

Phensic

—the quickest Pain-Killer known—is already a "best seller." Backed by forceful advertising in the National and Provincial papers... Phensic is a line so remarkably efficacious that a first customer becomes a permanent customer. Don't delay. The demand is rising. Write for terms and full particulars to the Veno Drug Co., Ltd.



Write for terms and display material to the

VENO DRUG CO. LTD.

CHESTER ROAD, MANCHESTER, 16

SEE-WITH-EASE

Anti-Glare Spectacles



SEE-WITH-EASE Spectacles

Glazed Smoke or Feuзал Lenses.

This handsome coloured carton containing one dozen "See-with-Ease" Anti-Glare Spectacles forms a very effective sales display.

Cat. No.	1889.	Spectacles with	Skull - Fit Sides
	1890.	" "	Curly Sides
	1891.	" "	Straight Sides
	1892.	" "	Assorted Sides

Price **7/-** per dozen in carton.

Cat. 1888. A superior quality spectacle to above having stronger frame and metal joints—smoke or feuзал tints, per doz. 10/-. Carded in $\frac{1}{2}$ doz. Skull-Fit sides only.



SEE-WITH-EASE Spectacles

With Crookes' Lenses.

There is always a demand for a good spectacle with Crookes' Optically Worked Lenses. We supply any assortment from models in this list complete in carton.

Suggested Assortments.

Cat. No.	1885.	4 pieces each	1872, 1874, 1895,	46/-
	1886.	" "	1872, 1874, 1368c,	49/2
	1887.	" "	2446c, 2450c, 2445c,	32/10

Special Note. Any prescription can be made up in Chance's Crookes' Lenses in A, A2, B or B2, tints.

A descriptive leaflet of all "SEE-WITH-EASE" Spectacles obtainable from:

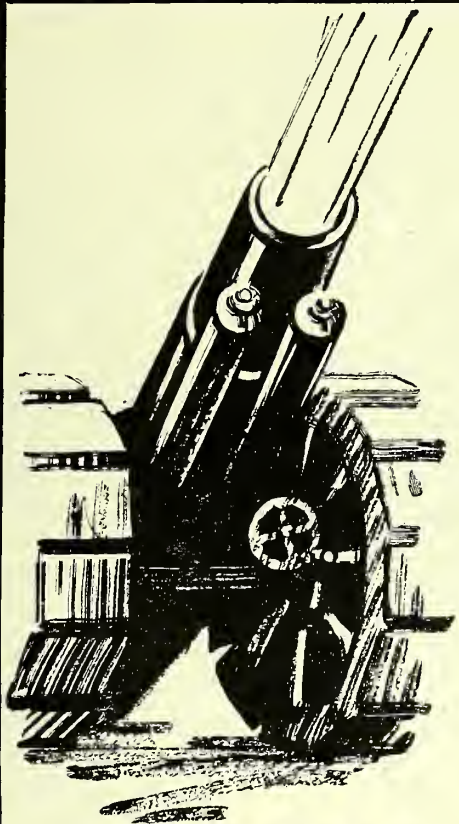
The General Optical Company,

E. T. CORNWELL F. W. CORNWELL

120 CLERKENWELL ROAD, LONDON, E.C.1.

Telephones—CLERKENWELL 2962, 2963.

Telegrams—"Genoptico-Smith" London.



THE BIG PROJECTILE WINS!

Courage and foresight called for the BIG PROJECTILE ; experience confirmed it ; effectiveness proved it the cheapest ammunition.

Use the big projectile in your business, the

NEWS OF THE WORLD

**3,350,000
BUYERS**

(multiplied by their dependents)

**EVERY ONE OF THEM
NEEDS SOMETHING
SOLD BY CHEMISTS**

These millions can create a new and bigger demand for what you make. Talk to them through the

NEWS OF THE WORLD

the BIG PROJECTILE in advertising. Wins the war of sales, clears away the entanglements of consumer resistance, conquers the markets for you. Its effectiveness makes it the most economical sales ammunition you can use. The

NEWS OF THE WORLD

with over 3,350,000 net sales, gives by far the largest reader coverage of any single newspaper in the World. Your sales message reaches one home in every four throughout the land, backed by a friendliness built up through four reigns.

Full information given gladly and an opportunity for personal consultation arranged to discuss your particular marketing problems will be welcomed. Write, The Advertisement Manager, 30 Bouverie Street, E.C.4. Telephone : Central 5501

But it's quickly becoming more than one-fifth because the circulation of the Radio Times is now nearer 2¼ millions!

1/5th
of the cash you take—

— comes from readers of "The RADIO TIMES"

It is just as important to have advance information about pleasure programmes as business programmes. You read "The Radio Times" yourself, of course?

Fourshillings out of every pound in your till have come from the pockets of the readers of "The Radio Times." There are approximately ten million families in Great Britain and "The Radio Times" influences two million of them! Do you wonder that manufacturers keep you closely informed of their advertising in such a powerful newspaper? And do you wonder it pays to display the goods advertised in it? All enquiries in connection with advertisements in "The Radio Times" should be addressed to the Advertisement Manager, The British Broadcasting Corporation, Broadcasting House, Portland Place, W.1. Telephone: Welbeck 4468.

RADIO TIMES

THE TWO-MILLION WEEKLY THAT'S READ DAILY ◊

A MILLION HOMES AWAIT

MICKEY

AND

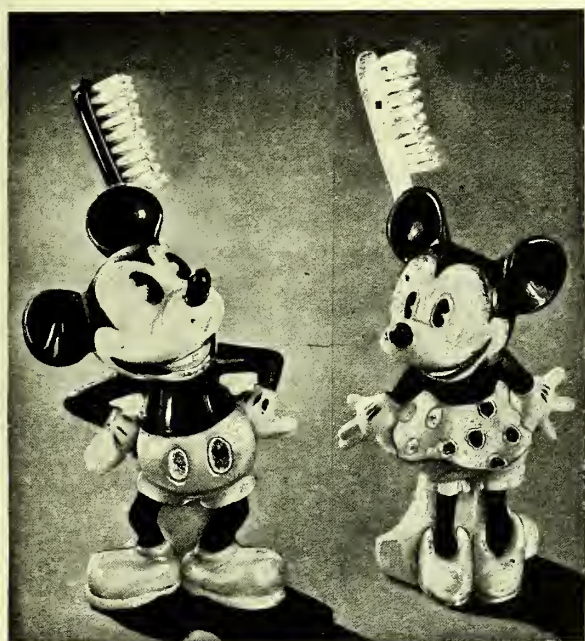
MINNIE

MOUSE

TOOTHBRUSH HOLDERS

- Fascinating replicas in gleaming porcelain of The Famous Walt Disney Screen Characters

By permission of
Walt Disney Mickey Mouse Ltd.



● **GENUINE MICKEY AND MINNIE MOUSE TOOTHBRUSH HOLDERS—Reg. Nos. 789572 & 3**

They come in unique Silver Salesmakers with smart Red, Black and Silver Labelling

FREE OF CHARGE

with 1 dozen assorted Mickey and Minnie Mouse Toothbrush Holders and Toothbrushes

	Wholesale	Retail
TOOTHBRUSH HOLDERS	14/- doz.	1/9 ea.
TOOTHBRUSHES	4/- doz.	6d. ea.

50% PROFIT ON COST

The Splendid Walt Disney Cartoons are constantly advertising Mickey and Minnie Mouse to Millions



★ **BE THE FIRST TO MAKE THIS INTRIGUING DISPLAY IN YOUR LOCALITY**

— **SOLE DISTRIBUTORS TO THE CHEMISTS TRADE** —

S. MAW SON & SONS, LTD., 7-12 ALDERSGATE ST., LONDON, E.C.1

All for  *Beauty*



'I always use'

People sometimes wonder why with so little apparent effort the Harriet Hubbard Ayer preparations sell so universally.

It is the many women already using Harriet Hubbard Ayer preparations who are most influential in selling still more to other women. Their casual mention and recommendation is the finest sales-publicity we could have.

It builds up new business for us — and naturally for you too.

HARRIET HUBBARD AYER
LIMITED
BEAUTY PREPARATIONS

130 Regent Street, London, W.1
NEW YORK PARIS MONTREAL

KENT

"PEDIGREE" BRUSHES

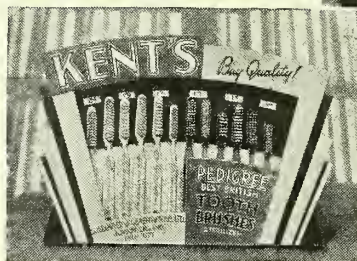
"PEDIGREE" SHAVING BRUSHES

Selling price to public :—

"POPULAR" 1/9, 6/9, 8/9

"STANDARD" 6/9, 12/9, 15/9

In white and coloured handles packed in transparent container as illustrated.



"PEDIGREE" TOOTH BRUSHES

Pure Bristle. Range of twelve in coloured and bone handles. Attractive Display Stand supplied.

Selling price to public :—
9d. 1/- 1/3
1/6 1/9 2/-



KENT-COSBY

Hygienic Refillable

HAIRBRUSH

Also in Military Shape. Handle-backs in various finishes. Bristle Refills in various qualities of pure bristle, also with Rubber Cushion Base. Retail Prices with Satin Finish or Coloured Handles: 7/11, 12/6, 18/6, 30/- 45/-



PATENTED

ATTRACTIVE MODERN LINES SHOWING GOOD PROFITS

Ordinary standard lines in Best British Hair, Tooth, Nail, Shaving, Bath Brushes, etc., obtainable as usual on same terms at same prices.

WRITE FOR FURTHER PARTICULARS, TRADE TERMS AND SAMPLES.

G. B. KENT & SONS Ltd.
75 FARRINGTON ROAD
LONDON E.C.1

MAKERS OF BEST BRITISH BRUSHES SINCE 1777

SAVILLE PERFUMERY LIMITED

versus

VERONA PRODUCTS

Injunction

On March 8th, 1934, in the High Court of Justice, Chancery Division, Messrs. Saville Perfumery Ltd., Junction Laboratories, Watford, Herts, were granted a perpetual injunction against Verona Products, carrying on business at 3, Mossford Street, Bow, London E., restraining the defendants from infringing their trade mark "June" in connection with perfumery and toilet preparations.

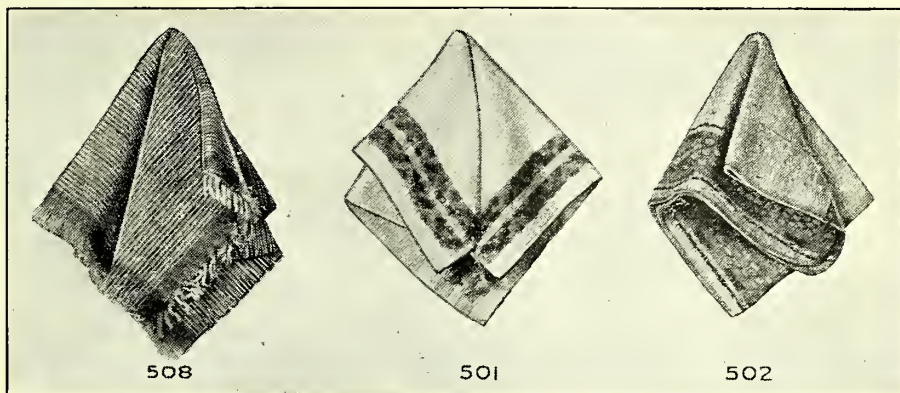
Mr. Justice Crossman made an order for the defendants to deliver to the Plaintiffs all printed labels, cartons and wrappers bearing the "June" mark, for destruction.

WARNING

The word "June" is the registered trade mark of Saville Perfumery Ltd., for all articles of perfumery and toilet requisites, preparations for the teeth and hair and perfumed soap, and legal action will be taken against anyone attempting to infringe their proprietary rights in this mark.

SAVILLE PERFUMERY LIMITED,
Junction Laboratories **Watford, Herts.**

Ever Increasing Production Meeting Daily Growing Demands



Spencer Bros. for Face Cloths

Because our face cloths are extraordinary value, our sales-graphs show peak upon peak — growing — *growing*—GROWING!

Manufacturing facilities are being augmented. Distributing arrangements are being even more speeded up. Country-wide requirements and World-wide needs are being successfully met with Spencer's Face Cloths.

We are proud of our phenomenal sales. Our ranges meet all requirements for display—attractive, colourful and dependable. If you are not stocking our lines you are missing important sales in face cloths.

With the confidence born of a reputation built up on sterling value, we invite you to place your next order with us. For a quick turnover and generous profits Spencer's Face Cloths are unexcelled. Send for a sample range to-day.

Wholesale and Export only

SPENCER BROS. Shoe Lane, LONDON, E.C.4

Proprietors : C. J. SPENCER, LTD.

Watersprite

FAST EDGE KNITTED FACE CLOTHS AT REDUCED PRICES

SINGLE SIDED
FROM 3/- PER DOZEN

DOUBLE SIDED
FROM 4/- PER DOZEN

THERE IS AN INCREASING DEMAND FOR
THESE WATERSPRITE FACE CLOTHS IN
EXTRA LARGE SIZE

WE OFFER A RANGE IN VARIOUS STYLES
Size 14 x 12 ins. From 4/6 Dozen.

WRITE FOR ILLUSTRATED LIST WITH FULL
DETAILS OF THESE DAINTY CLOTHS.

MADE IN ENGLAND BY

SOLPORT

BROTHERS LIMITED

184-192 GOSWELL ROAD, LONDON, E.C.1



SUPPLIED IN
IMPROVED PACKING
AS ILLUSTRATED. 1 DOZEN OR
2 DOZEN IN DISPLAY AS DESIRED.

OBTAINABLE FROM ALL LEADING WHOLESALERS

9/- 100 *Wanie* **8/- GROSS**

Wanie **9/- 100** **Wanie**

AUTO TYPE

WANIE

The Blade for Every Razor!

Send for Samples to Dept. C D.

**LONDON & PROVINCIAL
FACTORS, LTD.**

146 THEOBALDS ROAD, W.C.1
and at
16 WIThey GROVE, MANCHESTER

Enquiries from Irish Free State invited

Wholesalers are invited to apply for Trade Terms

British
Blades

TIM

4'6
GROSS

MADE IN ENGLAND
THE FAMOUS TIM
REGD RAZOR BLADE
HAND-HONED

TAPERED, PYRAMID, DOMED AND FLANGE CORKS

COMPOSITION AND BAKELITE STOPPERS

THE MOST COMPETITIVE MANUFACTURERS IN
THIS COUNTRY

MUNDET CORK PRODUCTS, LTD.
12/18 ABBEY ST., TOWER BRIDGE ROAD, S.E.1

Telegrams: MUNDETCOMP, BERM, LONDON

Telephone: HOP 2043-4-5

NOW BRITISH MADE

WAGNER'S DRY BOTTLE CAPS

BEST IN QUALITY & APPEARANCE



R. V. WAGNER

33 BROOKE ST., LONDON, E.C.1. Tel. Holborn 5090

Lilly

**Important
Announcement**

Lilly

ELI LILLY & COMPANY, LTD., LONDON, W.1

IN accordance with the world-wide "Lilly Policy" of distribution the direct sales of Eli Lilly and Company Limited will be confined to an accepted list of bona fide wholesale distributors. No direct sales will be made to Retail Chemists, Physicians or Hospitals, although the right to sell to Government Departments, where payment is made from public money, is reserved.

It is the belief of Eli Lilly and Company Limited that it is the province of the Manufacturer to produce, the Wholesaler to distribute, the Pharmacist to dispense and the Physician to prescribe, and so far as lies within its power Eli Lilly and Company Limited will protect each group in its proper function. The Company will have but one discount to offer the Retail Chemist, and believes that it is in the best interest of the Pharmacist that he order according to his current needs, so that no inducement is offered for overstocking.

Distribution is made exclusively through certain Wholesale Distributors because it is the belief of Eli Lilly and Company Limited that it is not only more profitable to the Retail Chemist to buy as the need arises, but also more convenient for him to include his pharmaceutical wants with his general order to the Wholesaler with whom he is in close touch.

It is the belief of Eli Lilly and Company Limited that the Wholesaler performs an important and essential function in the field of distribution, and that he should therefore be protected. For this reason it is the policy of the Company to make no direct sales to Retail Chemists, Hospitals or Physicians.

The Retail Chemist is protected in his field through the strict maintenance of a one-price policy to all Retail Chemists alike and a refusal to sell direct to the Physician, who will be invariably referred to the Retail Chemist for his requirements.

ELI LILLY AND COMPANY LIMITED

A British Private Company

*announces that it has commenced
business at*

2, 3 and 4 DEAN STREET, LONDON, W.1

Telephone : Gerrard 2144

Telegrams : "Lillypharm Rath London"

Until such time as plans for manufacturing in Britain mature, Eli Lilly and Company Limited will import from Eli Lilly and Company, Indianapolis, Indiana, U.S.A.

Their goods will be obtainable only through the following accepted distributors:—

ALLEN & HANBURY'S, Limited,
7 Vere Street, London, W.1

BLEASDALE, Limited,
23 Colliergate, York

BROOKS & Warburton, Limited,
232 Vauxhall Bridge Road,
London, S.W.1

BUTLER & CRISPE,
82 Clerkenwell Road,
London, E.C.1

CLARK, NETTLESHIP &
BAILEY, Limited,
Belvoir Street, Leicester

DUNCAN, FLOCKHART & Co.,
104/108 Holyrood Road,
Edinburgh

HIRST, BROOKE & HIRST, Limited,
Sheepscar Works, Leeds

LOFTHOUSE & SALTMER, Limited,
Church Lane, Hull

MAY, ROBERTS & Co., Limited,
7/13 Clerkenwell Road,
London, E.C.1

Wm. PATERSON & SONS
(Aberdeen) Limited,
57 Spring Garden, Aberdeen

SANGERS Limited,
258 Euston Road,
London, N.W.1

T. & H. SMITH, Limited,
Blandfield Chemical Works,
Wheatfield Road, Edinburgh

JAMES TAYLOR (Trongate), Limited,
114 Trongate, Glasgow

JOHN THOMPSON (Wholesale
Druggists 1921), Limited,
27/35 Duke Street, Liverpool

JAS. WOOLLEY SONS & Co., Ltd.,
Victoria Bridge, Manchester

Eli Lilly and Company Limited reserve the right to amend this list of Wholesale Distributors of the Lilly products. Wholesalers' discounts will be given only to those firms whose names appear on this list.

Many well-known Specialities are embraced in the Lilly List, the following being a few of the more outstanding :—

ACIDULIN	EXTRALIN	MERTHIOLATE PREPARATIONS
AMERTAN	EPHEDRINE PREPARATIONS	PARA-THOR- MONE
AMYTAL	KAOMIN	SAL-CHOLATE
AMYTAL COMPOUND	HEMAGULEN	SODIUM AMYTAL
CARBARSONE	HEPARMONE	THEAMIN
CAS- CATHARTIC	LEXTRON	THEAMIN AND AMYTAL
COCO- QUININE	LIVER EXTRACT NO. 343	

A priced list is being prepared and copies will be supplied on request

Lilly

IF IT BEARS A RED LILLY IT'S RIGHT

ELI LILLY AND COMPANY LIMITED

2, 3 and 4 Dean Street, London, W.1

Telephone : Gerrard 2144

Telegrams : "Lillypharm Rath London"

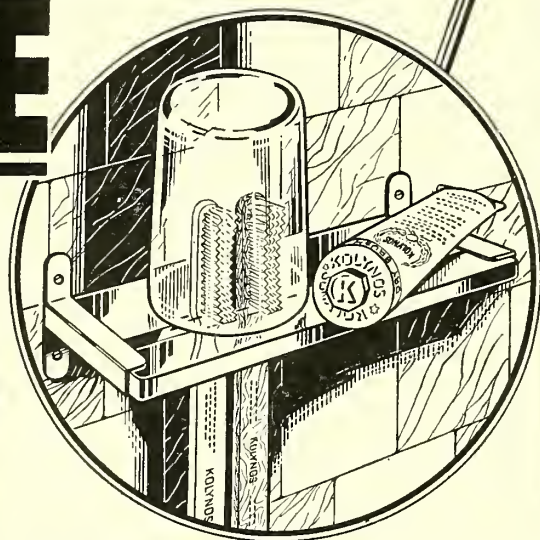
The Gift that Gets There!

THIS HANDSOME CHROMIUM TOOTH BRUSH & TUMBLER HOLDER

(Devoid of any Advertising Matter) Prov. Patent
4194/34 design reg.

FREE

TO USERS OF



KOLYNOS

DENTAL CREAM

(REGD.)

★
Two of the Sepia coloured leaflets (one of which is enclosed in every 1/9 package) entitle users to the HANDSOME CHROMIUM and POLISHED GLASS TOOTH BRUSH and TUMBLER HOLDER illustrated if sent to KOLYNOS, 12 CHENIES ST., LONDON, W.C.1, with 3d. to cover part cost of postage.

OF VITAL INTEREST TO ALL PHARMACISTS!

● This Gift Scheme entails NO extra work in the pharmacy, NO wrapping and NO distributing of bulky packages.

● Your present stock contains sepia leaflets entitling purchasers to this gift. No necessity for repacking. No waiting for new stock.

● Extensive Press Advertising is sending purchasers to you for TWO 1/9d. tubes of KOLYNOS DENTAL CREAM.

● If you have not yet received your SPECIMEN FITTING and SHOW-CARD make application to-day!

Illustrated Counter Wrappers announcing this Gift are available.

N.B.—If you have not yet solved the KOLYNOS CHESSBOARD PUZZLE the solution will gladly be sent upon request, to KOLYNOS (SALES) LTD., 12, Chenies St., London, W.C.1.



No. CDF 4454

Illuminated Interchangeable Sign, size 13" x 8½". Blue metal frame, complete with 200 letters and figures—wired with holder and flex. Ready for immediate use. Price quoted does not include lamp.

Full illustrated list of Shopfittings No. CD 1360 free on request.

DUDLEY & Co. Ltd. 451 Holloway Rd., London, N.7
City Showrooms: 65 Fore St., E.C.

7'6

THE SOUTH OF ENGLAND COLLEGE OF PHARMACY

186 Clapham Road, LONDON, S.W.9.

Principal—H. LUCAS, Ph.C., F.C.S.

assisted by a fully qualified and efficient staff.

EXAMINATION RESULTS, SESSION 1932-3.

During the past Session (Jany.-Octr.) 60 students passed from this College. Part I., 22; Part II., 38.

New Courses start early in October; Benches are now being booked.

Revision Courses start on April 5th and August 6th.

FOR ALL PARTICULARS, PROSPECTUS, ETC.,
APPLY THE PRINCIPAL.

BE PREPARED FOR THE COMING SEASON

Increase Your Developing
and Printing Service!

Make use of our really useful series of D. & P. books, also our Printed Aids to Selling.

Interesting range of samples post free.

BURALL Bros. - Wisbech, Cambs.

DISPENSING FOR PHARMACEUTICAL STUDENTS.

By J. W. Cooper, Ph.D., and F. J. Dyer, B.Sc., Ph.D. This book has just been completely revised and brought up to date. It is an invaluable textbook, in which special care has been taken to give maximum assistance to the Candidate for the Qualifying Examinations.

Third Edition. 392 pp. 8/6 net.

From a bookseller, or 9/- post free from:

SIR ISAAC PITMAN & SONS, LTD., Parker St., Kingsway, W.C.2

OPTICAL TUITION

FOR THE

S.M.C., B.O.A. and N.A.O. DIPLOMA Examinations

Particulars:—

G. A. SCURR, F.S.M.C., F.B.O.A., F.N.A.O., F.I.O., F.C.O., M.P.S.
50 HIGH STREET, BARNET, LONDON, N.

CORN PREPARATIONS

A. de St. **DALMAS & Co. Ltd**

LEICESTER

ODO-RO-NO

displayed near the cash tray will sell
four times as many as Odo-ro-no
shown anywhere else. Try it and see.

HOW EASY IT IS

J. C. GAMBLE & CO., LTD.
211-5 BLACKFRIARS ROAD, S.E.11

Louis de Luxe Products

ALL TOILET PREPARATIONS

PROPRIETORS:

Low, Son & Haydon, Limited

5 GT. QUEEN ST., LONDON, W.C.2

TELEPHONE: HOLBORN 6410

EST. 1790

COURT
PERFUMERS



SHADEINE

FOR TINTING GREY HAIR

This popular article is largely advertised
and stocked by all Wholesale Houses.
Trial size 8d. per doz. 6/-
1/4 size, per doz. 12/-
2/0 size, per doz. 24/-
3/0 size, per doz. 36/-

The SHADEINE Co., 58, Westbourne Grove, London, W.2

ALL CHEMISTS SHOULD STOCK

ABDINE

THE GOLD MEDAL HEALTH DRINK. Quick Seller. Big Profits.
Over 60 years' Reputation. "Abdine" is obtainable from the Wholesale
Houses. Attractive Display Material constantly available.

DUNCAN MCGILASHAN LTD., ABDINE WORKS, WESTFIELD RD., EDINBURGH

TENZ TABLETS

are in universal demand. Deodorant and Breath purifying, these
tablets have deservedly earned their popularity by consistent
adherence to quality and care in manufacture.

The Dainty Display box commands sales

"TENZ" sell on sight!

Stocks from all usual wholesalers or direct from:
TENZ LTD. London and Manchester

BARNETT'S FOR THE JACK L. BARNETT
BOTTLE YOU WANT! Ltd.
AT THE PRICE YOU 18 Basinghall St.
WANT! Leeds 1. Tel. 28447

Conforms to B.P. 1932 requirements. Exceptionally Palatable.

'DOMCO' (Regd.)

MALT & COD LIVER OIL

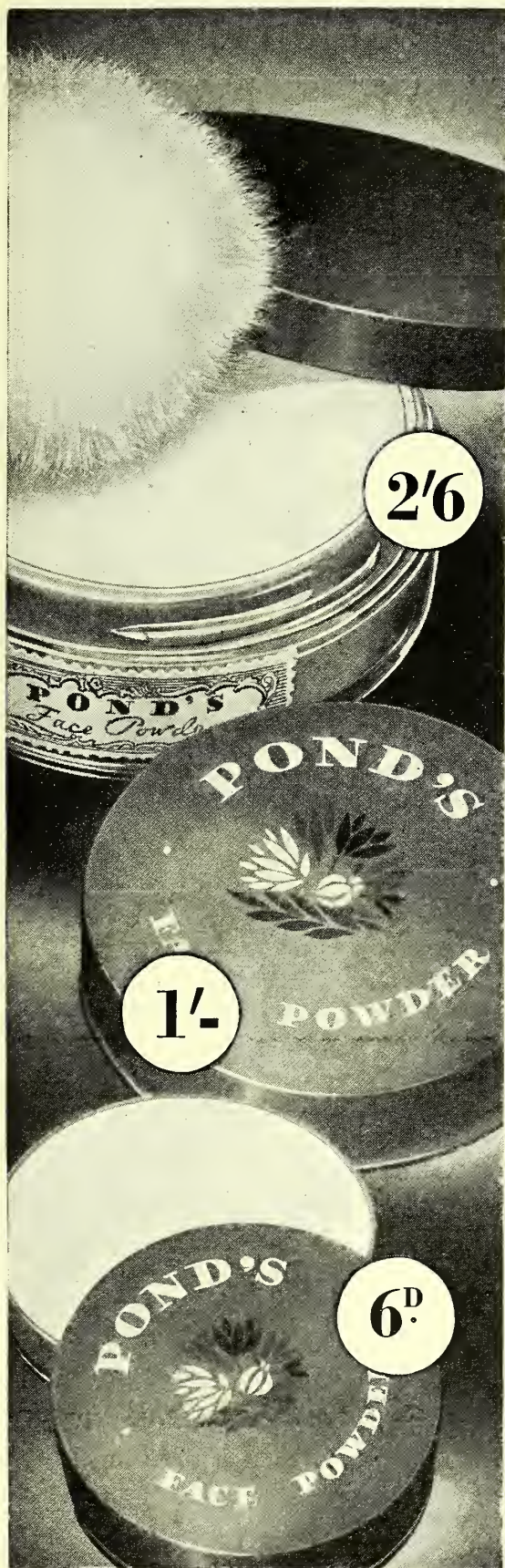
FINEST QUALITY INGREDIENTS. PRICES which SHOW you a GOOD PROFIT
1, 2, 4 & 7 lb. Jars separately wrapped, & in 1 lb. containers for N.H.I. purposes.

D. MAWDSLEY & CO., 4 & 6 Riga St., Shudehill,
MANCHESTER

FREE and POST FREE NEW CO-RE-GA CARD

Display It and Increase your sales

THOS. CHRISTY & Co., Old Swan Lane, London, E.C.4



READY NOW !

Pond's new Face Powder

For a long time the makers of Pond's famous creams have been urged to introduce a powder to complete their line.

They hesitated — women demand much from their powder — and Pond's couldn't risk losing the confidence of thousands of women by a second-rate product. . . .

But they got to work. They made investigations to find out exactly what women require in a face powder. After patient research and exhaustive experiments in the great Pond's laboratories they created this perfect new face powder. . . .

Thistledown texture — exquisite skin tones — expensive perfume — Pond's new powder comes in four carefully selected shades — Natural, Peach, Rachel 1 and Rachel 2. It is packed in beautiful glass jars, retailing at 2/6 only, also in attractive "Pond's-green" boxes containing generous supplies of powder, two sizes — 1/- and 6d.

Ridiculously low in price of course — but in keeping with the Pond's policy which brings Pond's two famous creams to your customers at such a low cost.

POWERFUL ADVERTISING !

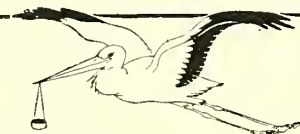
Forceful advertisements will carry the exciting news of the Pond's Face Powder to hundreds of thousands of beautiful (and not so beautiful!) women. These advertisements will appear in newspapers and magazines all over the country . . . Vogue, Woman and Beauty, Miss Modern, Woman's Weekly, Modern Weekly, Film Weekly, Film Pictorial, Picturegoer, Home Notes, Home Chat, Sunday Express, Sunday Pictorial, Sunday Graphic, Daily Mail, Daily Express, Daily Herald, News Chronicle, Daily Mirror, Daily Sketch, etc.

YOU TOO CAN PASS ON THE MESSAGE !

If our representative has not yet called on you with samples of the new powder, send a card to Pond's Extract Co. Ltd., Perivale, Greenford, Middlesex. Ask, too, for the beautiful Pond's Powder Counter Display Piece. And be sure to order in time to meet the demand for the new Pond's Face Powder.

And, moreover, the new powder will be subject to the usual generous Pond's terms

Tell your
customers about the new
arrival in the Pond's family!



WARNING!

The tremendous success of our DUREX Protectives has resulted in many cheap imitations. We now warn our customers that even if offered as being of equal quality, these invariably are not so.

It is impossible to market *fine quality* Latex Protectives at lower prices than ours. A lower price means poorer materials, less careful processing, a less stringent testing standard—or more usually none at all.

“Penny wise—pound foolish” is an old saw, but with no other merchandise is it more applicable.

Your customers prefer DUREX, make sure they get it.

Samples gratis and prices on application to

THE LONDON RUBBER COMPANY

Elarco House, 221 Old Street, London, E.C.1

Telephone Nos.: Clerkenwell 3888-3889

Factory: Hackney, London, E.9

MAKERS OF FINE QUALITY LATEXWARE

“MOSANS” Non-Greasy, Odourless QUININE PESSARIES



15/-
per dozen
boxes

ORDER THROUGH ANY WHOLESALER.

SUPPLIED TO CHEMISTS & DRUGGISTS ONLY

Finest *Safeguard* **QUALITY**

(RUBBER GOODS)

FREE SAMPLES & PRICES ON APPLICATION

BURGE, WARREN & RIDGLEY, LTD., 91-92, GREAT SAFFRON HILL, LONDON, E.C.

F. MAUND & E. BERG (SHOWCASES) Ltd.

SHOPFITTERS & SHOPFRONT BUILDERS
175/9 OLD STREET, LONDON, E.C.1
Telephone: Clerkenwell 1782/3

are offering for sale, at competitive prices, an extensive and exceptionally full range of Chemists' Fittings, Second-hand and New.

STONEWARE IS SAFE

WE SHALL BE PLEASED TO
QUOTE FOR ALL CLASSES
OF CONTAINERS IN WHITE
OR ORDINARY STONEWARE
FROM HALF OZ. TO 6 GALL. IN
GUARANTEED LEADLESS GLAZE.

—SEND FOR PARTICULARS ETC. TO—

PEARSON & Co (CHESTERFIELD) LTD.

THE POTTERIES; WHITTINGTON MOOR; CHESTERFIELD
LONDON OFFICE: 31 ELY PLACE; HOLBORN CIRCUS E.C.1

WILLIAM MATHER, LIMITED

DYER STREET, MANCHESTER.

(Established 1826)

ZINC OXIDE and RUBBER ADHESIVE PLAISTER
ON SPOOLS.

POROUS PLAISTERS. ELASTIC PLAISTER BANDAGES.

ANTISEPTIC PLAISTER DRESSINGS, "CROCUS" CORN
COMFORT, Etc.**Please note**

Owing to increased business we are building a New Factory at Morden, Surrey, and shall be moving during the early part of next month.

In order to avoid any delay in executing orders during our move, customers will greatly assist us by anticipating their requirements as much as possible.

ZEAL CLINICAL THERMOMETERS**G. H. ZEAL, Ltd.**

75 & 77 St. John Street, London, E.C. 1

"STERAID" Regd. Dressings

Patent No. in Great Britain
221761/1924 and patented in all
the principal foreign countries.

Patent Rotating Canister packing to retain aseptic conditions. In use, only
the amount required is withdrawn and cut off. The remainder is not exposed

GAUZES.

	Minimum Public Prices Each	Minimum Trade Prices Per Doz.		Minimum Public Prices Each	Minimum Trade Prices Per Doz.
6-yd. 3-yd. 1-yd.			6-yd. 3-yd. 1-yd.		
Sal Alembroth	2/0	1/3 1/2	-9	17/10	11/2
Sublimate			6/4		
Carbolic					
Boric					
Plain Absorbent	1/10	1/2	-8 1/2	16/6	10/6
Double Cyanide	2/1	1/4	-9 1/2	18/2	11/4
Iodoform 5%			6/5		
Picric	2/10	1/8	-10	25/6	15/-
			7/7		

LINTS.**PLAIN AND BORIC.**

	Min. Public Prices	Min. Trade Prices
2 in. wide 8 1/2 d. each	8 1/2 d. each	6/3 doz.
4 " 1 1/1 "	1/1 "	9/4 "
6 " 1/6 "	1/6 "	13/9 "

ORDER THROUGH USUAL WHOLESALE.**ROBERT BAILEY & SON LTD., Marriott Street Mills, STOCKPORT**

'Phone: Stockport 2794 and 4166.

London Office: Sentinel House, Southampton Row, W.C.1

Wires: "Undisputed, Stockport."

Small Rotary Pill Cutting Machine & Piping Press**ASK YOUR AGENTS FOR PINDAR & CO.'S MACHINES—ORIGINAL MANUFACTURERS**

This is a Machine specially constructed for the use of Chemists or Manufacturers of small quantities of Pills. Capacity about 5 lbs. per hour. Can be used on Counter or where little space can be spared. The Piping Press and Machine occupies a space of 2 ft. by 1 ft.

These Machines make one size Pill. By means of extra Plates and Rollers any size of Pills can be made.

Extra Plates and Rollers
to fit Machines, £4 5 6.

Price, the two machines, £12**SMALL LEVER HAND TABLET MACHINE, 60 TO 80 PER MINUTE £7 15**

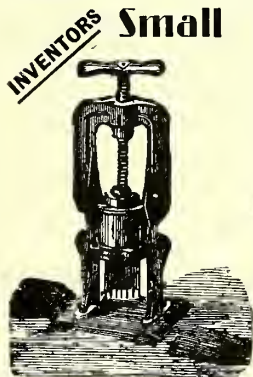
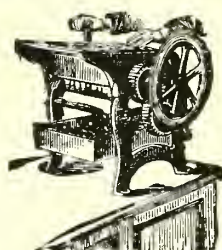
Power Tablet Compressing Machines, Coaters, Complete Pill Plants, End Runner Mills for Ointments, Linseed Grinding Mills, Tincture Presses, Emulsifying Machines, Percolators, &c., Mixing and Kneading Machines, Drying Ovens, Hand Pill Machines. Cold Compression Suppository Machines. SUPPOSITORY AND PESSARY MOULDS, LIP SALVE MOULDS, Etc. COMPACT POWDER PRESSES.

J. W. PINDAR & CO., LONDON, S.E.4.

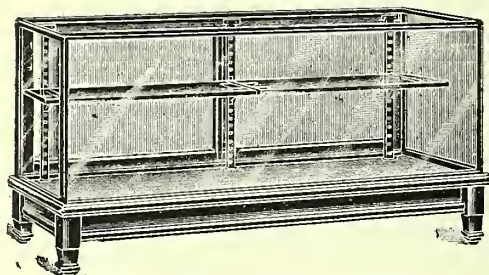
Works: ENDWELL ROAD, BROCKLEY, LONDON, S.E.4.

Telegrams: "Pindar, Brockley, S.E."

Telephone: 1065 New Cross.

**PIPING PRESS****Fig. B. No. 2. ROTARY CUTTING MACHINE**

KING'S FOR SHOWCASES



No. H 3262. This magnificent showcase can be supplied with an oak or mahogany frame and is glazed with new first quality drawn plate glass front, top and sides. The back is fitted with 2 clear glass sliding doors on roller bearings. The interior is fitted with standard bars and adjustable brackets and one row of plate glass shelves, 12" wide \times $\frac{3}{4}$ " thick polished edges. The bottom of the showcase has a polished oak plywood floor and the legs are fitted with adjustable metal feet. Over-all dimensions:—

4 feet long \times 3 feet high \times 2 feet back to front.

PRICE £6 13 6 EACH

No. H 2913. A similar showcase to the above but 6 feet long.

PRICE £8 0 0 EACH

WE WILL BE PLEASED TO FORWARD OUR COMPLETE LIST OF FIXTURES No. 1013 POST FREE.

J. C. KING, LTD.

42-60 Goswell Road, London, E.C.1

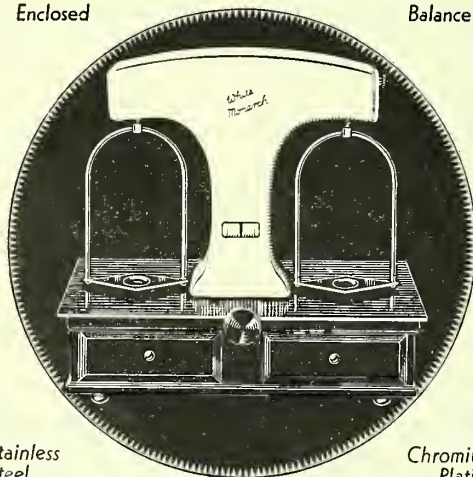
Telephones: CLERKENWELL 2316 (6 lines)

Your Dispensary deserves

The Modern "White Monarch"

Enclosed

Balance



Stainless
Steel

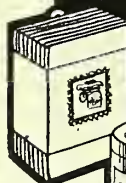
Chromium
Plating

Entirely protected from dust and fumes by the white porcelain enamelled housing. Strongly made to withstand hard usage and yet retain its sensitivity

Ask your Sundries House to show it to you and judge for yourself

WILLIAM A. WEBB, Ltd., 4/5 Skinner St., London, E.C.1

NOVIO TOILET PAPER



PACKET
ROLL



We are continuing our press advertising, and are again featuring the special sample offer which has won so many new customers for this superior toilet paper.

Look to your stocks now—there is good business waiting. Send a card for trade terms and samples to Novio Paper Co., 26 Grove Park, Camberwell, S.E.5



See the 'Lancet's' opinion, 27 July 1907

NOVIO TOILET PAPER

WESTMINSTER COLLEGE OF PHARMACY

Founder: **G. S. V. WILLS, Ph.C.**

Principal: **P. H. WOODNOTH, Ph.C., F.C.S.**

DAY CLASSES

Revision Courses—April 23rd to June 20th—Fee 8 Gns.

Summer Revision Course—July 30th. Fee 7 Gns.

New Session commences October 3rd.

POSTAL COURSES

Preparatory Courses in all Subjects. Fee 21/-
Special Test Papers are available for revision.

Prospectus for Postal or Day Classes on application to the Principal:

190 Clapham Road, London, S.W.9

*Phone: Reliance 3728.

LONDON COLLEGE OF PHARMACY

(Founded by H. WOOTTON, B.Sc.) **C. W. GOSLING, Ph.C.**

Principal: **IRVINE G. RANKIN, B.Sc., Ph.C.**

SPECIALISTS IN TRAINING PHARMACISTS



REVISION.

All Subjects. PS and C & D for June Exams.

Also Postal Courses.

ESSENTIALS OF PHARMACY

11th Edition for B.P. 1932

6/6 post free from

361 CLAPHAM ROAD, S.W.9

Telephone: Brixton 2161

An efficient aid to Health, Beauty . . . and Sales!

Strongly recommended for Health and Beauty by Specialists all over the Country, Trojan High Frequency Electrical Outfits are a wonderful stimulant to sales.

Simple and safe to use, they have a place in every home. Write tonight for further details, and particulars of the generous trade terms we offer.



Have you heard about the TROJAN Electric Inhaler? A wonderful new invention for relieving Coughs, Colds, Influenza, Asthma, Catarrh, etc. Let us send you full particulars and prices.

JOHN SHAW & SONS WOLVERHAMPTON LTD.

(Established 1795)

Head Office & Works: WOLVERHAMPTON.
Telephone: 21212. Telegrams: Shaw, Wolverhampton.

The preference of women for Southalls Sanitary Towels brings steady sales all the year round.

- "ORIGINAL," most popular.
- "CELTEX," soluble.
- "K," made entirely of absorbent cotton wool, with very soft cover.
- "COMPRESSED," for Travelling.

SOUTHALL BROS. & BARCLAY, LTD., BIRMINGHAM



SOUTHALLS
SANITARY TOWELS

NURSE HARVEY'S MIXTURE

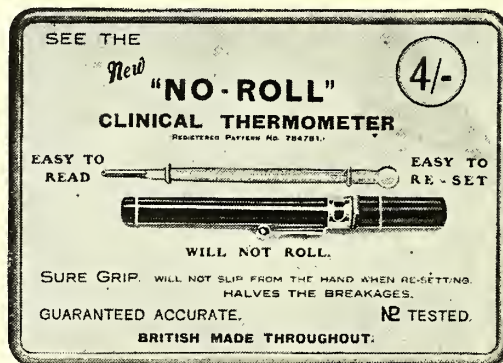
A safe, simple and reliable remedy for Children's Ailments is advertised so extensively in the daily and weekly Press as to bring mothers to the retailer without effort on his part.

The selling has been done before the mother reaches the chemist, and, having supplied her, it is only common sense to claim she will buy other family necessities from him. Moreover, the continuous demand for it produces a quick turnover.

For Direct Terms apply to—

OSCAR SCRUTON & Co., YORK

HAVE YOU OBTAINED THIS ATTRACTIVE SHOW CARD



THIS LINE SHOWS 80% PROFIT

THE ONLY SELF FOCUSING EASY TO READ
CLINICAL THERMOMETER
LIFETIME ACCURACY PERMANENT MARKINGS

Obtainable from all Wholesale Houses

A. C. COSSOR & SON
(THERMOMETERS) LTD., Vale Rd., London, N.4

**CARTONS
FANCY BOXES
SHOWCASES
FOLDING BOXES
WIRE-SEWN
BOXES
EMBOSSSED &
PRINTED LABELS
SHOWCARDS
NOVELTIES, Etc.**

● *May we quote you?*

JOHNS, SON & WATTS, LTD.

JOHNS, SON & WATTS
LIMITED / 40 CITY ROAD, LONDON, E.C.1

Telephone: Clerkenwell 1128
Telegrams: Johns, Phone, London.

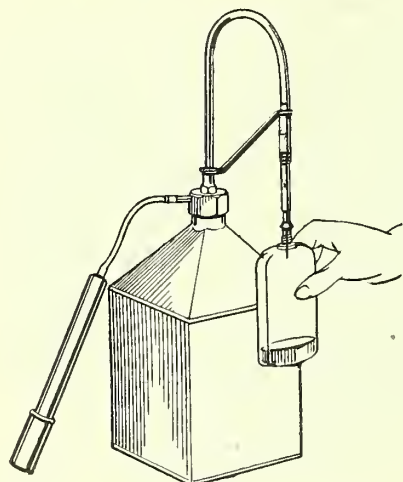


TOOGOOD'S BOTTLE FILLING APPARATUS for Sprinkler-neck Bottles

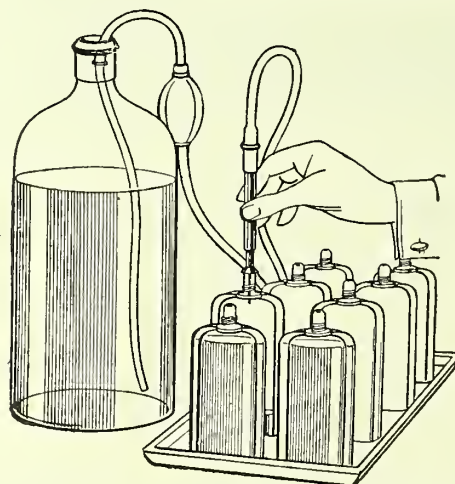
A new type of Filling Valve

Prov. Patent No. 30222

**Made in
two styles**



Pressure Type for Oils or
Thick Liquids.



Gravity Type
for Spirits or
Thin Liquids.

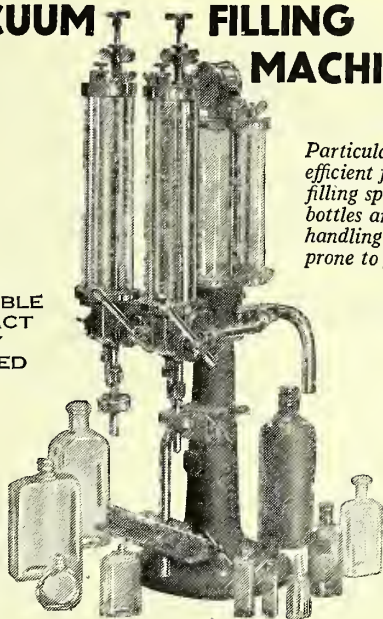
For prices and full particulars apply to

WILLIAM TOOGOOD LIMITED

77 SOUTHWARK STREET
London, S.E.1

Combined Height & Measured Quantity **VACUUM FILLING MACHINES**

PORTABLE
COMPACT
EASILY
CLEANED



Particularly
efficient for
filling sprinkler
bottles and for
handling liquids
prone to froth.

“Gravfil Fillers”

C. B. HARLEY—PROPRIETOR

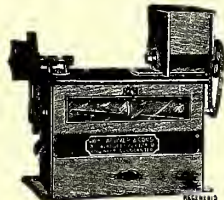
34 NEW NORTH ST., THEOBALD'S RD., LONDON, W.C.1

Telephone: Holborn 9073

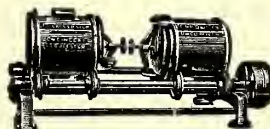
GRINDING SIFTING MIXING



Patent “Rapid” Mixer.



Patent “Rapid” Sifter.



Gardner Ball Crushing Mill.

for Chemical purposes
must be rapid, super-
fine, of laboratory ac-
curacy, and absolutely
consistent.

Gardner machines
perform all these
operations in the most
efficient way.

They are economical
and efficient; a high
standard is maintained
in the quality and
quantity of their out-
put.

Details and Catalogue of
all Gardner plants from

**WM. GARDNER
& SONS (Gloucester)
LTD.**

BRISTOL ROAD, GLOUCESTER

Telephone: 2288 (3 lines).
Telegrams: “Gardner, Gloucester.”
London Office: 19 Gray's Inn Chambers,
20 High Holborn, W.C.1.
Telephone: Chancery 1301.

PHARMACEUTICAL

W

HIGHEST

DISPENSING
BOTTLES
CHEMISTS
ROUNDS
FEEDING
BOTTLES
SOXHLET
BOTTLES
EYEBATHS

SPRINKLER
BOTTLES
OPAL AND
FROSTED
GLASSWARE

QUALITY

GLASSWARE

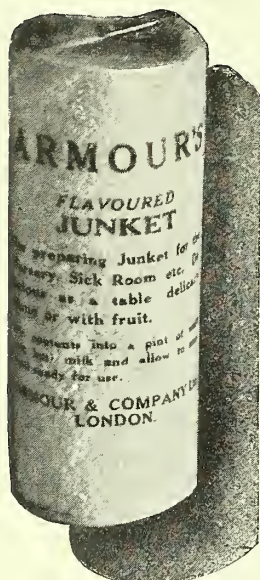
K. GRAHAM

DESIGNERS & MANUFACTURERS
OF GLASSWARE FOR PERFUMES
COSMETICS AND BATH SALTS

**WOOD BROS. GLASS CO.
LIMITED**

(ESTABLISHED 1880)

BARNSELY . . . ENGLAND



ARMOUR'S FLAVOURED JUNKET

A NEW PREPARATION TO CREATE NEW SALES

EASY TO PREPARE
A DELICIOUS
SWEETENED AND
FLAVOURED JUNKET
FOR THE SICKROOM
NURSERY & TABLE

o

ADD CONTENTS TO
A PINT OF WARM
MILK — STIR GENTLY
AND ALLOW TO COOL

3 1/2
Each



BOX
OF
24

ARMOUR & COMPANY LTD.

LABORATORY DEPT., ARMOUR HOUSE, ST. MARTIN'S-LE-GRAND, LONDON, E.C.1

TELEGRAMS: "ARMOSATA-CENT,"
LONDON
TELEPHONE: - - NATIONAL 2424



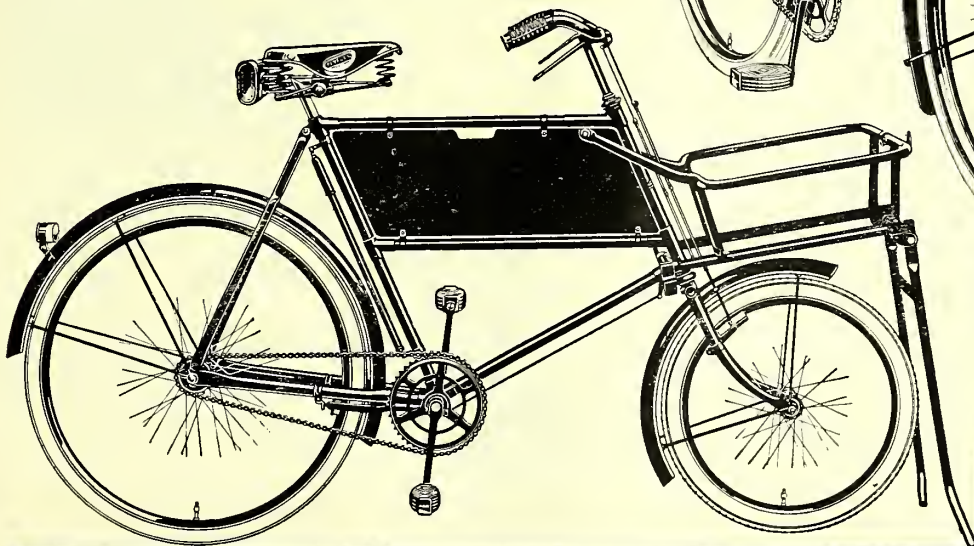
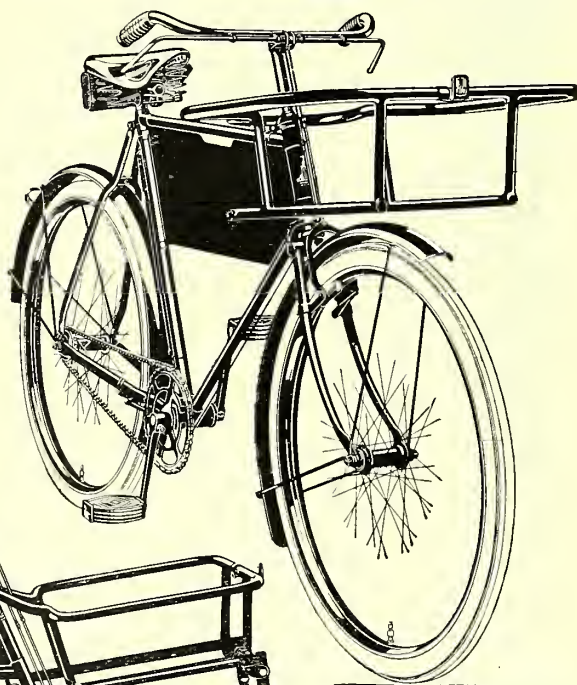
6 DAYS A WEEK..

52 WEEKS A YEAR

that's the service
you get from

RALEIGH CARRIERS

A delivery service is not much good if it cannot be depended on. So get the machines that will never disappoint you or your customers—Raleigh Carriers. Designed to make light work of a long 'round'—built to stand up to hard knocks and heavy loads—a Raleigh Carrier is the soundest delivery investment you can possibly make.



STANDARD CARRIER

£6.19.6 or 12 monthly payments of 14s. (no deposit)

Basket can be supplied at extra charge of 7/6. Lettering on nameplate 5s. extra (30 letters each side).

LOW GRAVITY CARRIER

at same price and terms. Specially designed for carrying heavy or bulky loads without skidding. An instantly operated stand built into the carrier is an important feature.

EVERY RALEIGH CARRIER CYCLE has the finest equipment, including BROOKS SADDLE, DUNLOP TYRES, &c.

THE RALEIGH CYCLE CO. LTD. NOTTINGHAM . . .

For Sunny Days or Dull Days-

it's always fine for the
Chemist who stocks SELO
and SELOCHROME films.



SELO

the fast film—is
ideal for everyday
photography.



SELOCHROME

multi-coated, extra fast,
colour-sensitive, anti-halo
backed—makes photography
a success in the early morn-
ing or late afternoon.

*Stock and display both—
quick profits and repeat
business will follow.*

Made in England by
ILFORD LIMITED, ILFORD, LONDON

WATER GLASS

**NEWBALL & MASON LTD.,
NOTTINGHAM**

give the best value in Water Glass

- ★ Guaranteed 140 T.W.
- ★ Attractive get-up
- ★ "Own name" label,
if desired

Apply for Terms

WATER GLASS

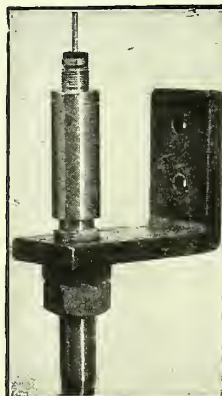
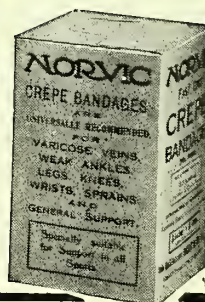
NORVIC

BLUE CARTON CRÊPE BANDAGES

The Blue Carton, prominently
displayed in the window or
on the counter, will increase
your crêpe bandage sales
enormously. A P.A.T.A.
LINE with FULL 33 1/3
PROFIT.

From leading wholesalers.

Sole manufacturers: Grout & Co. Ltd.
35 Wood Street, London, E.C.2.



SPRINKLER BOTTLES

Automatic Rinsing

Can be connected to the town's water
supply by metal or india rubber hose
pipe.

By merely passing the mouth of the
bottle over the jet and pressing the
bottle downwards water is automatic-
ally sprayed into the bottle. The water
completely drains away from the bottle
as it is withdrawn.

Further particulars may be obtained from
the makers:—

**The THOMAS HILL
Engineering Co. (HULL), Ltd.
9 PARK LANE, STEPNEY, HULL**

Potter & Clarke's

SPRING LINES

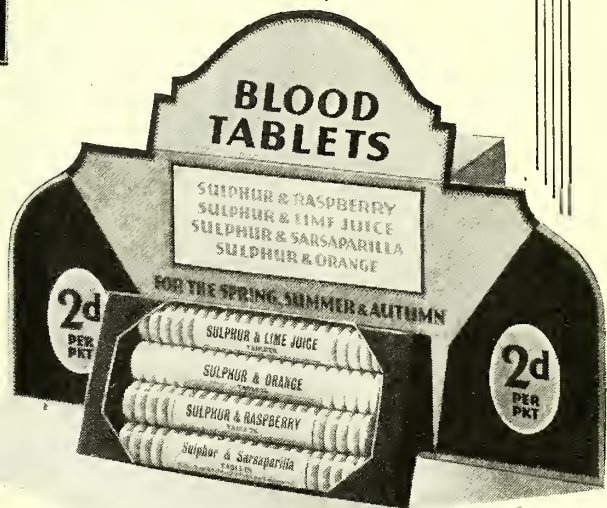
Attractive Displays
Good Profits



Compound Sulphur Tablets
in Box with strut support
and flap-over Lid.
2d. Packets (oblong). 12/- gross.



Lime Juice and Sulphur Blood Tablets
6d. Cartons. 3/6 doz.
gross lots at 3/3 doz.



Blood Tablets
3 doz., in display outer, can be
supplied assorted Raspberry, Lime
Juice, Sarsaparilla or Orange Flavour,
or 3 doz. of one kind. A very attractive
and novel disp'ay.
2d. packets. 12/- gross.



POTTER & CLARKE Ltd.

60-64 ARTILLERY LANE, LONDON, E.1
and at 77 Danzig Street, Manchester

Phone : Bishopsgate
4761 (5 lines)

Wires : "Horehound,"
Phone, London."

SASSO OLIVE OIL

The Standard of Quality



The best way to increase Olive Oil sales is to sell "SASSO" the brand of the world's largest producers of Olive Oil.

*Write for new season's
price list and samples.*

Producers :

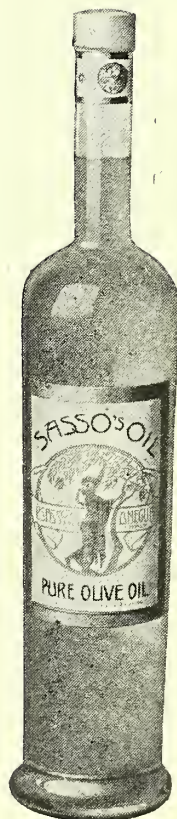
P. SASSO & FIGLI

Oneglia, Italy

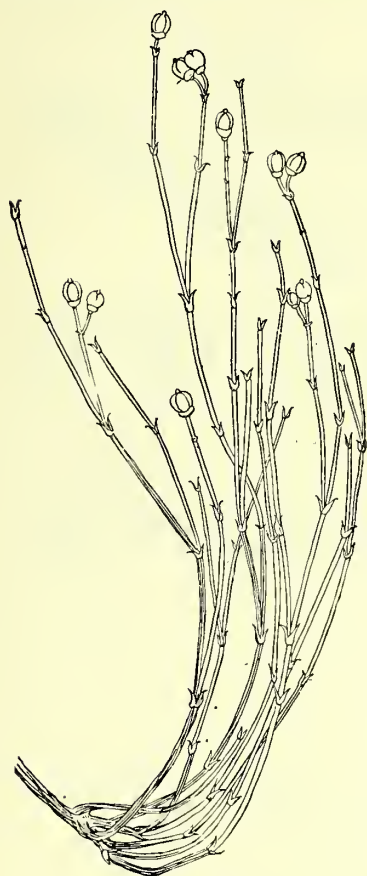
Sole distributors for the United Kingdom :

Fredk. Boehm Ltd.,

17, Jewry Street, London, E.C.3



Ephedrine Products of Repute



MA HUANG
Botanical source of
EPHEDRINE

PSEUDO-EPHEDRINE

TRADE MARK 'TABLOID' BRAND

pseudo-EPHEDRINE HYDROCHLORIDE

Issued in
two strengths

Gr. $\frac{1}{4}$ Bottles of 25 products 14/- per doz.
" " 100 " 42/- " "
Gr. 1 Bottles of 25 products 19/- per doz.
" " 100 " 62/- " "

Burroughs Wellcome & Co. Ephedrine products are of exceptional purity. They present natural alkaloid isolated from *Ma Huang*.

For Administration by the Mouth

TRADE MARK 'TABLOID' BRAND

EPHEDRINE HYDROCHLORIDE

Gr. $\frac{1}{4}$ (0.016 gm.) Bottles of 25 products, 9/- per doz.
Bottles of 100 products, 27/- per doz.
Gr. $\frac{1}{2}$ (0.032 gm.) Bottles of 25 products, 15/- per doz.
Bottles of 100 products, 45/- per doz.
Gr. $\frac{1}{2}$, also in tubes of 6 products, 5/5 per doz.

For Hypodermic Use

TRADE MARK 'HYPOLOID' BRAND

EPHEDRINE HYDROCHLORIDE

0.03 gm. (gr. $\frac{1}{2}$ approx.)

Sterile solution presented in 'Hypoloid' ampoules ready for immediate use.

1 c.c. ampoules, in boxes of 10, at 36/- per doz. boxes

For local application to Nose and Pharynx

TRADE MARK 'VAPOROLE' BRAND

EPHEDRINE SPRAY COMPOUND

Contains Ephedrine, 1 per cent., Menthol, Camphor and Oil of Thyme, of each 2 per cent., in 'Paroleine' Liquid Paraffin.

Bottles of 1 fl. oz., 27/- per doz.
" " 16 fl. oz., 27/- each

London Prices to the Trade (Subject)

For full list of Ephedrine Products,
see Burroughs Wellcome & Co. Price List



BURROUGHS WELLCOME & CO., LONDON

G 1796

COPYRIGHT

*Warrick's
Health Sweet
and Thirst-
Quencher*

GRAPE FRUIT GLUCOSE DROPS

Containing
Glucose and Grape Fruit Juice.

Packed in artistic tins "Week-end size"
also in screw-capped jars and in bulk.

A delightful flavour.

Show Card with all orders.

Full particulars on application to

WARRICK BROTHERS, LTD

The Reliable House with more than a Century's Experience.

Nile Street, City Road, London, N.1.

Telephone : Clerkenwell 2452 (two lines).

Telegrams : Warrickers, Nordo-London.

THE CHEMIST AND DRUGGIST

A Weekly Journal of Pharmacy, the Drug, Chemical and Allied Trades

*The official organ of The Pharmaceutical Society of Ireland,
The Pharmaceutical Society of Northern Ireland,
The Chemists' and Druggists' Society of Ireland, and of
other Chemists' Societies in Overseas Dominions*

PUBLISHED AT

28 ESSEX STREET, STRAND, LONDON, W.C.2

Telegrams : "Chemicus, Estrand, London" Telephone : Central 6565 (8 lines)

BRANCH OFFICES

4 CANNON STREET, MANCHESTER (TEL. : BLACKFRIARS 3052)

19 WATERLOO STREET, GLASGOW (TEL. : CENTRAL 2329)

155 AVENUE DE WAGRAM, PARIS, XVII^e (TEL. : GALVANI 19-79)

54 FOSTER'S BUILDINGS, HIGH STREET, SHEFFIELD (TEL. : 22458)

372 FLINDERS LANE, MELBOURNE, AUSTRALIA

CONTENTS

VOL. 120. NO. 2822

APRIL 21, 1934

	PAGE
Association Meetings	454
Business Changes	447
Coming Events	442
Corner for Students	456
Correspondence :—	
Letters	461
Legal Queries	462
Miscellaneous Inquiries	462
Council Candidates	451
Deaths	445
Display Backgrounds	450
Double Acrostic	450

	PAGE
Dublin Pharmacies	443
Editorial Articles :—	
The Budget	449
Publicity with Variations	449
Eighteenth Century Advertisements	444
Gazette	439
Harrow Discussion	453
Information Department	448
Insurance Act Dispensing	439

	PAGE
Irish Notes	437
Legal Reports	438
Marriages	445
National Pharmaceutical Union	441
New Companies and Company News	438
News of the Week	435
North London Dinner	455
Personalities	445
Pharmaceutical Society of Great Britain :—	
Examination Results	455

	PAGE
Pharmaceutical Society of Ireland :—	
Council Meeting	442
Pharmacy League	444
Proprietary Articles Trade Association	440
Retrospect	462
Scottish Notes	436
Sporting Events	441
Topical Reflections	437
Trade Marks	447
Trade Notes	446
Trade Report	457

News of the Week

Addition to the Poisons Schedule, Part I

(From "The London Gazette," April 13, 1934.)

At the Council Chamber, Whitehall, the 11th day of April, 1934.

By the Lords of His Majesty's Most Honourable Privy Council.

PRESENT,

Lord President.

Secretary Sir John Gilmour.

Secretary Sir Godfrey Collins.

WHEREAS by Section 2 of the Pharmacy Act, 1868, it is enacted that the several Articles named or described in the Schedule (A) to that Act shall be deemed Poisons within the meaning of that Act, and that the Council of the Pharmaceutical Society of Great Britain may, from time to time, by Resolution, declare that any Article in such Resolution named ought to be deemed a Poison within the meaning of that Act, and that thereupon the said Society shall submit the same for the approval of the Privy Council; and that if such approval shall be given, then such Resolution and approval shall be advertised in the London Gazette; and, on the expiration of one month from such advertisement, the Article named in such Resolution shall be deemed to be a Poison within the meaning of that Act:

And whereas by Section 1 of the Poisons and Pharmacy Act, 1908, it is enacted that Schedule (A) to the Pharmacy Act, 1868, be repealed, and the Schedule to the Poisons and Pharmacy Act, 1908, substituted therefor, and that the said last-named Schedule may be amended by adding thereto or removing therefrom any Article in the manner provided by Section 2 of the Pharmacy Act, 1868:

And whereas the Council of the Pharmaceutical Society of Great Britain did on the 4th day of April, 1934, by virtue and in exercise of the powers vested in them by the Pharmacy Act, 1868, as amended by the Poisons and Pharmacy Act, 1908, resolve and declare as follows:

"That by virtue and in exercise of the powers vested in the Council of the Pharmaceutical Society of Great Britain, the said Council doth hereby resolve and declare that the Schedule to the Poisons and Pharmacy Act, 1908, ought to be amended by the addition to Part I of the following words:—

dinitro phenols; dinitro cresols; preparations or admixtures containing dinitro phenols; preparations or admixtures containing dinitro cresols."

And whereas the said Society have submitted their Resolution for the approval of the Privy Council, and the Lords of the Privy Council are of opinion that the said Resolution should be approved:

Now, therefore, their Lordships are hereby pleased to signify their approval of the said Resolution.

M. P. A. HANKEY.

The Austrian Exhibition

The Austrian Exhibition, which opened at Dorland House, Regent Street, London, S.W.1, on April 16 and closes on May 12, has the great merit of being easily reached and rapidly viewed without fatigue. The lighting is excellent, and the objects exhibited are of great artistic and cultural interest. On a first visit we were unable to identify anything more closely related to pharmacy than lipsticks and flapjacks; but it was obvious that there were still a few additions to be made. The magnificent tapestries are perhaps the greatest attraction, and next to them may be mentioned some of the pictures

and the holographs of Beethoven and other composers. It may be added that the section allotted to travel is remarkably well organised, so that anyone contemplating a holiday in Austria will be able to obtain exact information on the subject.

A Visit to Wigan

A C. & D. representative has been looking round Wigan with a view to recording conditions of trading as reported. "Secondary or side-lines have become essential to chemists on the fringe of the central area of the town if their businesses are to be made profitable," remarked one chemist. He added that cheap transport facilities and the opening of large stores, some of which stock proprietaries which were at one time the preserve of the chemist, have encouraged people to do more of their shopping in the central area. Thus the outside chemist has suffered not only through the trade depression—Wigan has a large unemployment roll—but also by the loss of custom to the stores. The question of the new lines that are constantly coming out was dealt with by another trader, who pointed out that discrimination is necessary. "When a new line which I think might sell is placed before me," he explained, "I make an offer to the wholesaler's or manufacturer's traveller that if he will send me a supply of window display advertising material I will secure a small supply of the product from my wholesaler. If a demand is thus created, then, most likely, the traveller will secure an order for a larger supply. On the other hand, if I do not sell the small purchase, the traveller has the satisfaction of knowing that his goods have had a fair trial and that there is no outlet for them as far as my shop is concerned."

Inquests

The death of Mr. John Edward Powell, chemist and druggist, Urnston, was investigated at the Liverpool coroner's court on April 18. It was stated Mr. Powell gave up business about six years ago. Professor Dible, of Liverpool University, stated that 5 gr. of morphine was found in the body. A verdict of "Suicide, with the state of mind unknown" was returned.

An inquiry was held at Nottingham, recently, concerning the death of Mr. Cyril V. Musson, chemist and druggist, who was found dying at one of the railway stations in the city. Evidence of a breakdown in health was given, and a medical witness stated that death was due to heart failure caused by an irritant poison. The deputy coroner recorded a verdict correspondingly.

The Birkenhead coroner held an inquest, on April 13, on the body of Mr. Amos Latham, a timber merchant. The widow stated that in 1930 her husband had been found with his head in a gas oven. Mr. Percy Bottomley, chemist and druggist, Prenton Road West, said he had known deceased for five years. On March 28 he purchased 1 oz. of potassium cyanide and signed the register. He said he wanted it to destroy ants. He appeared quite normal. In 1929 the deceased had made another purchase of cyanide. The Coroner: An ounce would be a fatal dose, would it not?—Yes, it would kill about forty people. The Coroner: I think it is a great pity that the sale is allowed to people with suicidal tendencies. A medical witness said that death was due to an irritant poison. An open verdict was recorded.

Liverpool

Alderman Edwin Thompson, governing director of Thompson & Capper (Wholesale), Ltd., is giving the members of the Liverpool Chauffeurs' Club a dinner, followed by a visit to the theatre, on April 25.

As a result of the whist drive and dance held by the Birkenhead and Wirral Pharmacists' Association on March 22 (*C. & D.*, April 7, p. 390), the sum of £19 1s. 7d. has been raised in aid of the Pharmaceutical Society's Benevolent Fund. With other collections during the session, the total contribution to the Benevolent Fund from Birkenhead amounts to £30 7s., a considerable advance on the previous year's contribution.

Sheffield

About 350 attended the last dance of the season, in the Cutlers' Hall, in connection with the Outing Club of Burdall's, Ltd.

Mr. H. Antcliffe, member of the Council of the Pharmaceutical Society, has been appointed honorary secretary to the hospitals committee of the Sheffield Rotary Club.

The monthly supper of the local Branch of the Pharmaceutical Society, at the Mikado Café, was presided over by Mr. E. Preston. Mr. L. Piper, chairman of the Ipswich Branch, and a former secretary of the Sheffield Branch, was among those present. An entertainment was given by Mr. Parsons (conjurer), and Mr. C. W. Hobson outlined the steps taken to deal with supplies to welfare centres.

Miscellaneous

SUMMER TIME commences at 2 a.m. (Greenwich time) on Sunday, April 22. Clocks are usually advanced by an hour on the previous day.

FATAL EXPLOSION.—The blowing out of a valve on an ammonia gas main at the Billingham works of Imperial Chemical Industries, Ltd., on April 18, resulted in the death of three men and injuries to thirty others.

POISON LICENCE APPLICATIONS.—Applications for a licence under Section 2 of the Poisons and Pharmacy Act, 1908, have been made to the respective local authorities by the following:—H. H. Blades & Co., Ltd., Oxted, Surrey; Mr. R. Gunton, Gosport; F. P. Ponsford, Bexhill; Mr. J. W. Walker, Darlington.

IN THE COURTS.—At Cardigan Sessions, on April 9, Mr. G. J. Nugent, chemist and druggist, High Street, was fined 20s. for having sold a dutiable medicine unstamped. It was explained that the occurrence was an oversight due to pressure of business.—In Shoreditch County Court, London, on April 13, A. Fifer, Ltd., carton manufacturers, Slough, obtained judgment in the sum of £73 8s. against the Impex Co., Leonard Street, E., the balance of an account for cartons supplied.

FOOD AND DRUGS (ADULTERATION) ACT.—At Taunton Police Court, on April 4, Frederick J. Quick, provision merchant, was summoned for having sold vinegar to the prejudice of the purchaser. It appeared that the sample purchased contained 3.43 per cent. of acetic acid. The defending solicitor pointed out that there was no standard for vinegar. The 1908 report of the Local Government Board, which suggested a 4 per cent. standard, had no legal force or significance. The case was dismissed.

Scottish Notes

Brevities

A copy of both volumes of "Pharmaceutical Formulas" has been placed in the Dundee Free Reference Library.

A circular has been issued to panel doctors by the Edinburgh Panel Committee calling attention to the difference in the prices of various brands of insulin, and suggesting that only the less expensive brands should be prescribed for panel patients.

At the Arts and Crafts Exhibition, which was opened at the Waverley Market, Edinburgh, on April 6, in aid of the Royal Infirmary extension scheme, an exhibit is devoted to illustrations and biographical notes relating to the development of modern medicine throughout the world, and particularly in Edinburgh, during the past 200 years.

A correspondent writes:—"It is stated that certain therapeutic substances are supplied to the Scottish Board of Health at a cheaper rate than to chemists, and there is considerable feeling on the matter. If this is so it seems very unfair that a Government department should be put in the position of acting as a competitor to chemists and thereby being able to dictate on what terms chemists must supply these substances under any public health scheme."

Irish Notes

Brevities

The Committee of the North Infirmary, Cork, has awarded the contract for medicines to Fielding's Pharmacy.

At Londonderry, on April 12, Joseph Zemmett, Chapel Road, Waterside, was fined £20 for practising as a dentist without being registered.

Mr. J. S. Balmer, Ph.C., and Mr. S. H. Forrest, Ph.C., have been appointed members of the Select Vestry for the parish of Bangor, co. Down.

That all bottles containing lysol should be conspicuously labelled "Poison" was the opinion expressed by a coroner's jury who inquired into the death of Mrs. Bridget McInerney at Limerick recently.

Mr. R. F. McCartney, Ph.C., has been appointed a parochial nominator and select vestryman of the parish of St. Patrick's, Coleraine. Mr. A. W. Mann, Ph.C., has been appointed a churchwarden of the parish of St. Thomas, Belfast. Mr. J. Hunter, Ph.C., has been appointed a member of the select vestry and also secretary of the vestry for the parish of Kilrea, co. Derry.

Mr. W. B. Conyngham (Hayes, Conyngham & Robinson, Ltd., manufacturing chemists, Dublin), was one of a party that undertook what he describes as "a very strenuous, interesting and instructive trip" at Easter through certain horticultural districts in Belgium, Germany, Luxembourg and Northern France. The tour

was arranged by the Murphy Chemical Co., Wheathampstead, Herts.

Mr. L. Mongey, Ph.C., Dungarvan, who recently presented the National Museum in Dublin with a valuable Ogham stone, has now obtained for the Royal Irish Academy's collection two ornamented bronze axes which were found during quarrying operations on a limestone bluff in the townland of Knockaun, co. Waterford. The axes formed a small hoard of early Bronze Age date, about 1800 B.C.

Belfast

Mr. T. L. Cole, Ph.C., and Mr. Robert B. Alexander (Jordan, Wilson & Alexander, Ltd.) have been appointed members of the board of visitors of the Belfast Convict Prison.

General sympathy has been expressed by members of the drug trade in Northern Ireland with Mr. A. W. Mann, Ph.C., Donegall Square, Belfast, on the death of his wife. Mr. Mann lost his only daughter two years ago.

There was a good proportion of chemists at the annual luncheon of the Ulster Tourist Development Association in Belfast on April 13. Mr. Fred Storey, Ph.C., chairman of the Publicity Committee, was unfortunately unable to be present owing to his illness; but the guests included Messrs. S. H. Forrest, Ph.C., T. A. Gibson, Ph.C., H. F. Moore, Ph.C., and D. L. Kirkpatrick (secretary of the Pharmaceutical Society of Northern Ireland). Mr. Walter Tate, Ph.C., was present as representative of the Ulster Retail Drug Trade Association.

Topical Reflections

By Xrayser

The Preponderance

of photographic information in last week's *C. & D.* is a welcome confirmation that spring is with us; I have seldom read more practical articles on the many aspects of this "side-line." The one on "Salesmanship in Developing and Printing" (p. 417), is packed with most useful suggestions for the dealer. As an amateur photographer from the old wet plate days, and a dealer from pre-film days, I can confirm the many sapient remarks of the writer. For instance, the habit of discussing with the customer his negatives and prints should be encouraged, there is no more fruitful source of future business, and it is easy to hold such an amateur from the time he first buys his camera till he leaves the neighbourhood, and often then he will forward his spoils so that they may be developed and printed by his friend, the dealer. The article on "Display" reveals how modern ideas in window dressing have invaded the pharmacy and how, by using the information given, a show can be made which vies in drawing power with the windows of the big stores and others who sell photographic apparatus, but are not necessarily pharmacists. My experience of display material tallies with that of the writer of the article, "Cleaning up the Photographic Trade" (p. 425), when he states that photographic material manufacturers, though lavish in sending really beautiful illustrations of what can be done with their goods, are not so mindful as perhaps they should be of the restricted space available to-day in chemists' windows compared with a decade or so ago, and the growing tendency of the pharmacist to use smaller display cards. The D. and P. Trade Agreement (p. 418) is a monument of organisation and persistence.

Free Gifts,

of which mention is made on p. 408 of the *C. & D.* of April 14, have appeared in a fresh rôle: this time the medical profession is asked to be the recipient. Medical men are being circularised with descriptions and prices of many of the sundries and instruments they have to use in their profession, such as certificates, notepaper,

pill-boxes and clinical thermometers. The offer is made that if three of these lines are ordered a gift of a pound of potassium iodide, bismuth carbonate or similar fairly expensive preparation will be made, of course, without extra charge. I believe that most medical men are registering amusement on receiving this offer rather than any other feeling; nevertheless such action may cause discontent in the minds of several regarding the prices they are now paying chemists and wholesalers for similar goods, and they may get the idea, which is quite unjustified, that the sellers are making bigger profits than they really are.

The Objects and Rules

of the Pharmacy League (p. 411) reveal, at first sight, little of what is in the minds of the founders. I can, however, read between the lines and visualise an association which will function as a critic of the Pharmaceutical Society on the one hand and the National Pharmaceutical Union on the other. It is a pity that membership is to be restricted to those who have qualified since January 1, 1921, as this means that no pharmacist who has had pre-war experience of the craft, as also the valuable experience during the war, will be eligible; this will tend to one-sided conceptions. It is open to doubt whether the past thirteen years, the only years the members of the League have known as qualified men, have been fruitful for the development of true pharmaceutical ideals. For Rule 6 I have nothing but praise. This provides that, at the end of three consecutive years' service as a member of the committee, the member must spend a year in retirement from the committee, but can seek re-election at the end of that year. This breaks continuity of service and provides an opportunity for the supply of fresh blood. There is at present no provision for preventing a man who may be a member of the Council of the Pharmaceutical Society, or that of the N.P.U., or that of the P.A.T.A., from becoming a member of the Committee of the Pharmacy League; something should certainly be done about this. There are Poobahs enough already in control of these organisations.

Legal Reports

Medicine Stamp Acts.—At Thames Police Court, London, on April 13. Mr. Samuel Oskotsky, wholesale toilet and perfumery merchant, Commercial Road, E.1., was summoned before Mr. F. T. Barrington-Ward for an offence under the Medicine Stamp Acts with regard to the sale of Yeast-Vite Brand Tonic Tablets unstamped (*C. & D.*, March 31, p. 352). The magistrate had ruled in favour of the defendant, finding that the makers were the only people liable to affix the stamps, and that once the packets were out of their hands there was no obligation on anyone to affix stamps. He had dismissed the summons and awarded 42s. costs to the defendant. An appeal had been made against this decision, and in the King's Bench Division it was sustained, with the result that the case was remitted to the police court for re-hearing. His worship observed that when a magistrate misdirected himself, the thing to do was to direct himself properly on the next occasion. There would be a fine of 40s.

Unsuccessful Licensing Appeal.—At London Sessions, on April 13, the Finsbury justices were the respondents in an appeal by Mr. Arthur Wilson, managing director of Parkes Chemists, Ltd. The justices had refused to renew wine licences in respect of chemists' premises at 251 Upper Street, Islington, and 804 Holloway Road, N. (*C. & D.*, March 17, p. 290). Mr. Harold Murphy, for the justices, said they refused to renew the licence last year, but Mr. Wilson appealed, and the Bench decided that the justices were wrong in their contention that all chemists' shops should be on the same footing and give an undertaking only to sell medicated wines. Mr. Allan Hankins, assistant to Mr. Henry P. Bodkin (clerk to the justices), said he was familiar with the premises in Holloway Road. A wine licence was granted in respect of the premises in 1899, which was transferred to the appellant on May 18, 1931. On January 22 witness saw burgundy and other wines displayed in the windows. There were a number of full and off-licences within a few hundred yards. At the annual general meeting of the justices on February 5, consideration of the renewal was adjourned, objection having been taken on behalf of the North London Licensed Victuallers' Association. Notice was served on Mr. Wilson, and on March 5 the justices decided not to renew the licence. The premises in Upper Street were visited at the same time, and were found to be displaying wines of a similar character. In both cases the premises were really chemists' shops, and in this case the history of the licence was the same, except that it was granted in 1896. Sir Herbert Wilberforce (chairman): Are these wines that you have mentioned known as medicated wines?—No, sir. Mr. H. Glyn-Jones, who appeared for Mr. Wilson, suggested that the witness was unable to answer that question unless he had tasted them. In cross-examination by Mr. Glyn-Jones, the witness said he had been assistant to the clerk for fifty years. He agreed there had been no increase in the number of wine off-licences in the division, and if anything there had been a reduction. An off-licence opposite the Holloway Road premises had gone. He agreed that the licences for these shops were unrestricted, but there was a note in one case, when the licence was granted, that it should be for medicated wines. Before the general annual licensing meeting last year, the justices refused to renew certain licences unless the chemists gave an undertaking to sell nothing but medicated wines. Mr. Glyn-Jones said the question for the Court was whether it was merely coincidence that the only chemists' licences that were refused were those of chemists who refused to give an undertaking. They had to decide whether the ground that the licences were not required was really the reason for the refusal or whether they applied a general rule. In reply to Mr. Glyn-Jones, the witness said there were only four chemists' licences in the division. The other two were asked to give undertakings to sell nothing but medicated wines, and in doing so the licences were renewed. The justices' clerk (Mr. Bodkin) agreed that he wrote a letter in which he

said, "It is the intention of the justices to place all chemists' licences on the same footing." Addressing the Bench, Mr. Glyn-Jones contended that the justices had not acted in accordance with the Licensing Consolidation Act, 1910. What had happened was that a solicitor wrote opposing the applications for the licences; the objection was not stated in open Court, and consideration was adjourned. The appellant was informed, and at the same time was asked whether he sold other than medicated wines. He was not told that the justices were considering whether the licence was required. His contention was that the chairman of the justices merely saying that consideration of the renewal would be adjourned was not an objection in open Court in accordance with the Act. The appellant was brought to the Court without the knowledge that his licence was going to be opposed. Sir Herbert Wilberforce pointed out that the justices decided there were ample facilities for the sale of wines in the neighbourhood without the chemists' licences; and Mr. Glyn-Jones said that if that was the case, they did so without evidence of the falling off of sales or demand. He submitted that the restriction that they should not sell other than medicated wines was wrong. After consideration, the chairman said the Bench were of opinion that the justices were justified in their action, and dismissed the appeal. Mr. Glyn-Jones asked that the appeal should be allowed, without costs, provided the appellant gave an undertaking not to sell other than medicated wines. Mr. Murphy said he could see no objection; and the chairman, after conferring with some of the Finsbury justices, adopted this course.

New Companies and Company News

P.C. means Private Company and R.O. Registered Office

COTTEE, LTD. (P.C.).—Capital £500. Objects: To carry on the business of chemists, druggists, etc. R.O.: 96 Devonshire Street, Sheffield.

KENLEY DRUG STORES, LTD. (P.C.).—Capital £100. Objects: To carry on the business of chemists, druggists, etc. R.O.: 12 Godstone Road, Kenley, Surrey.

BATES & FARMER, LTD. (P.C.).—Capital £2,000. Objects: To carry on the business of chemists, druggists, etc. R.O.: 146 Ladbroke Grove, North Kensington, W.11.

SELRITE CHEMISTS, LTD. (P.C.).—Capital £100. Objects: To carry on the business of wholesale and retail chemists and druggists, etc. R.O.: 67B Kings Road, Chelsea, S.W.

JOHN F. SMITH (PHARMACY), LTD. (P.C.).—Capital £1,000. Objects: To carry on the business of chemists and druggists, opticians, etc. R.O.: 37 Highfield Lane, Keighley, Yorks.

HIMIA, LTD. (P.C.).—Capital £100. Objects: To carry on the business of manufacturers of and dealers in chemicals, drugs, etc. R.O.: Buchanan Buildings, 24 Holborn, E.C.

W. MURRAY (LIVERPOOL), LTD. (P.C.).—Capital £4,000. Objects: To carry on the business of chemists, druggists, etc. Solicitors: Roche Son & Neale, 1 Church Court, Old Jewry, E.C.2.

HIRT PRODUCTS, LTD. (P.C.).—Capital £100. Objects: To carry on the business of agents and distributors of and dealers in chemicals and allied products, etc. R.O.: 321 High Holborn, W.C.1.

PHOSLAX, LTD. (P.C.).—Capital £100. Objects: To carry on the business of manufacturers of and dealers in pharmaceutical, medicinal products, etc. Solicitor: J. B. Borer, 233 Regent Street, W.1.

BERNSTEIN'S CASH CHEMISTS, LTD. (P.C.).—Capital £100. Objects: To carry on the business of druggists, dealers in proprietary medicines, etc. R.O.: 100 Parkhill Road, Hampstead, N.W.3.

MONICA MCCARTHY, LTD. (P.C.).—Capital £100. Objects: To acquire the business carried on by Monica McCarthy of chemists, druggists, etc. R.O.: 71 Gloucester Road, Regent's Park, N.W.

PORTERS, LTD. (P.C.).—Registered in Dublin. Capital £3,000. Objects: To carry on the business of chemists and druggists, vendors of patent medicines, prepared foods, etc. Frank Speidal, "Balmoral," Cabra Road, Dublin, director.

CLEGGSWOOD OIL DISTILLERY, LTD. (P.C.).—Capital £7,000. Objects: To carry on the business of grease and oil refiners and blenders, manufacturers of and dealers in chemicals, etc. Nathaniel Hess, Wood View, Duchy Road, Harrogate, director.

C. E. HAMPSON, LTD. (P.C.).—Capital £250. Objects: To acquire the business of a manufacturer carried on by Chas. E. Hampson at 36/38 Maskell Street, Manchester, as "Jaze Products Co.," and to carry on the business of manufacturers of perfumes, creams, soaps, etc.

K. R. PLASTICS, LTD. (P.C.).—Capital £4,000. Objects: To acquire the business of the manufacture and use of chemical products carried on at 9 Woodfield Park Drive, Leigh-on-Sea, as "K. R. Plastic Laboratories." R. O.: 17-19 Stratford Place, Oxford Street, W.1.

ILFORD, LTD.—Dividends on 6 per cent. cumulative preference shares and on 6½ per cent. cumulative "A" preference shares for half-year ending April 30, 1934, payable May 1.

BORAX CONSOLIDATED, LTD.—Half-yearly coupon of preference share warrants to bearer will be paid, less tax at 4s. 6d. in the £1, on and after May 1, at the offices of the company, Regis House, King William Street, E.C.4.

THE BRITISH DRUG HOUSES, LIMITED.—The directors' report and accounts for the year ended December 31, 1933, show the trading profit at £56,779 10s. 5d., from which is deducted for amortisation of leaseholds, plant depreciation, directors' fees and income tax £15,619 9s. 5d., leaving a balance of £41,160 1s., which, with the balance brought forward, £11,157 10s. 8d., makes the total £52,317 11s. 8d. The gross dividend paid on the preference shares for the year amounted to £12,100, and the balance of £40,217 11s. 8d. the directors recommend should be allocated as follows:—Dividend of 5 per cent. gross on the ordinary shares, £20,000; transfer to general reserve fund, £10,000; leaving a balance carried forward of £10,217 11s. 8d. In their report the directors make the following observations on the year's trading:—During the year 1933 there has been a moderate increase in our total turnover. Home trade has kept up well, while export trade, despite difficult conditions abroad, has again made headway. The Canadian company has made further progress, and the Australian company has produced satisfactory results. The sales of the company's medical and scientific products have again shown a gratifying advance. Considerable further progress has been made in reorganisation, including concentration of the London premises. Freehold premises in Wharf Road, with water-side frontage on Wenlock Basin, adjacent to our main sites in Wharf Road and Graham Street, have been acquired and are being developed. The annual general meeting will be held at the Midland Hotel, St. Pancras, London, on Wednesday, April 25, at noon.

Gazette

Partnerships Dissolved

GREEN, S. H., and GREEN, J. C., Brackley, Northampton, chemists, under the style of S. H. Green & Son.

COCKCROFT, G. H., and JONES, G. P., 34 Manchester Road West, Little Hulton, near Bolton, chemists, under the style of Cockcroft & Jones.

Insurance Act Dispensing

Record of matters concerning Chemists' interests in the National Health Insurance Acts

Local Reports

London.—At a recent meeting of the London Pharmaceutical Committee, Mr. A. J. Wing in the chair, a letter was received from the N.P.U. regarding the drug fund for 1933 which indicated that the balance payable in final settlement of chemists' accounts for the year would be 3.68 per cent. of the dispensing fees. Information was received with regard to the revised procedure in connection with the investigation of excessive prescribing. The following comparative figures for the years 1932 and 1933 were given:—

	1932	1933
Total No. of prescriptions ...	8,519,101	8,805,891
Cost of ingredients ...	£117,965 2s. 11d.	£124,552 19s. 9d.
Cost of dispensing fees ...	£155,156 os. 7d.	£160,366 18s. 1d.
Average cost of ingredients ...	3.32d.	3.40d.
Average cost of dispensing fees ...	4.37d.	4.37d.
Total No. of persons on list ...	1,917,033	1,923,400
Average No. of prescriptions per person ...	4.44	4.58

The Chemists' Service Subcommittee reported particulars of twelve cases dealt with under the testing scheme for January and February. In six cases the chemists were censured, in five the chemists were cautioned, and in the remaining case no further action was taken. The secretary reported, *inter alia*, that arrangements had been made for the continuance of the special dispensing service in a district of the South-Eastern area, up to and including June 28; that the following articles ordered by panel doctors and supplied by chemists during the last quarter of 1933 are not a proper charge on the chemists' fund:—Rubber tubing, boil plasters, eye shade, stockinette bandages, capsicum wool, glass funnel, glass tubing.

Middlesex.—The County Pharmaceutical Committee met on March 21, Mr. C. E. A. Goode in the chair. It was reported that doctors were using the old Insurance Formulary titles in ordering medicines, and the secretary was authorised to take appropriate action. The report on the final distributions of the drug fund for 1933 was explained, and statistical data for 1933, with returns for January, were supplied. Complete figures for 1932 compared with 1933 were as follows:—

	1932	1933
Prescriptions ...	2,359,881	2,571,167
Ingredient cost ...	£36,162 14s. 9d.	£40,033 8s. 6d.
Dispensing fees ...	£43,353 1s. 0d.	£47,184 3s. 11d.
Average cost of ingredients ...	3.7d.	3.7d.
Average cost of dispensing fees ...	4.4d.	4.4d.
Insured persons ...	602,235	624,652
Prescription frequency ...	3.9d.	4.1d.

SCOTLAND

Pharmaceutical Standing Committee (Scotland)

A meeting of the Pharmaceutical Standing Committee (Scotland) was held on March 21, Mr. J. B. McVitie in the chair. Several administrative matters were dealt with, including the pricing and prescribing of insulin. There had been difficulty and confusion in regard to the prescribing of insulin, but owing to action by the Department of Health for Scotland in recommendations issued to panel practitioners the confusion had been to some extent cleared up. There remained a few cases of the prescribing of excessive quantities of insulin at one time. The difficulties arising had been represented to the Department of Health for Scotland by the Standing Committee and also by the Drug Accounts Committee. There was a strongly expressed opinion that in the case of a standardised B.P. preparation like insulin issued under licence with stringent conditions, it should be possible to reach a definite standard both in regard to the quality and price so that a tariff price could be fixed for B.P. insulin. There was a further feeling that it was desirable that panel practitioners should prescribe insulin without specifying any particular maker's name.

Proprietary Articles Trade Association

Annual Meeting

THE thirty-eighth annual meeting of the Proprietary Articles Trade Association was held at the Hotel Russell, London, W.C.1, on April 12, the president (Mr. N. N. Armitage) in the chair.

ANNUAL REPORT

The annual report stated that the general position of the Association had been well maintained during 1933. The income from manufacturers' subscriptions was £40 more than in 1932. Membership had again increased in the retail section, and now stood at 9,215. The position with regard to cutting had improved.

"The Association's main problem has been created by a limited but exceedingly ingenious group of stop-listed traders whose activities and influence have, unfortunately, developed in a marked degree during the past few years. The majority of these price-cutters are situated in and around London. Most of them conduct businesses in which not only P.A.T.A. goods but the general range of pharmaceutical commodities are sold at cut prices. The Council realise that the unfair competition of these traders has seriously affected many retail members of the Association, and appreciate the importance of taking every possible measure designed to ensure its suppression."

During the year 8,500 purchases of articles on the Protected List had been made, and in 3,000 instances coding systems enabled sources of supply to be closed. The distribution of P.A.T.A. goods through staff clubs and canteens in Government, municipal and business offices had been rigidly controlled, and the co-operation of the Fair Trading Congress had been sought in enforcing price-maintenance conditions in these and similar institutions. Manufacturers and wholesalers had been required to state on all invoices for P.A.T.A. articles the conditions governing the acceptance and resale of these goods. The publication in the official organ of the Association of the names of all dealers connected with the drug trade who are on the Stop List was commenced during the year, and the Council trust that retail members will scrutinise the list carefully and regularly with the object of ensuring that persons included therein are not "obliged" with P.A.T.A. goods. The Council had also taken all practicable steps to ensure that members of the manufacturers' and wholesale sections do not supply goods of any kind to certain persistent price-cutters.

The principal items of expenditure were:—Salaries (office), £3,367; investigation of cutting, £1,898; "Anti-Cutting Record" and "Year-Book," £347; councillors' expenses, £915; rent and rates, £404; office cleaning, £135; printing and stationery, £543; postages, £435; office requisites, £114; legal expenses, £1,534. The income from subscriptions was £8,521; from donations, £662; from rent receivable, £261. The total income amounted to £10,230, and the excess of expenditure over income to £680 (shillings and pence omitted).

In moving the adoption of the report, THE PRESIDENT said he considered the report most promising and encouraging. The work of test-purchasing and investigation was a costly business, but the P.A.T.A. was prepared to spend to the utmost limit in order that its price-maintenance policy should be carried out in a satisfactory manner. The organisation had experienced increasing difficulties in its daily work, such as the use of accommodation addresses by price-cutters, the obliteration of code marks, collusion with agents, the use of false names, theft, and bogus export orders. In spite of the fact that these practices rendered the Association's work more difficult, the necessity to resort to such methods indicated that the activities of the Association were making it impossible for the cutters to obtain replenishments through usual channels. Comparing the conditions of the retail trade prior to the formation of the P.A.T.A. with those prevailing to-day, it was

amazing to note the progress made in the comparatively short space of thirty-eight years.

MR. S. N. PICKARD seconded the adoption of the report, and was supported by Mr. ALFRED HIGGS and Mr. F. J. SMITH.

MR. E. NEVILLE BROWNE inquired as to the possibility of the adoption of a "White List"; he also called attention to the growing practice in his locality (London, S.W.) of the sale of proprietaries, particularly toilet lines and shaving accessories, by traders whose cutting activities in connection with tobacco and cigarettes had been curtailed.

MR. H. R. EDGEcombe remarked that although there was a loss on the year's working, this would no doubt adjust itself in due course.

THE SECRETARY having replied to the points raised, the report was adopted. A vote of thanks to the administrative officers and staff for their work during the past year was proposed by Mr. EDWARDS, seconded by Dr. PILLEY, and acknowledged. The proceedings terminated with a vote of thanks to the chairman.

Council Meeting

The quarterly meeting of the Council was held at the Russell Hotel, London, W.C.1, on April 12, the president (Mr. N. N. Armitage) in the chair.

THE PRESIDENT extended a welcome to Mr. G. A. Mallinson (secretary of the National Pharmaceutical Union).

ALTERATION IN N.P.U. RULE

MR. MALLINSON said he was pleased to have the opportunity of drawing the attention of the Council to the fact that at the recent annual meeting of the National Pharmaceutical Union the rules of that body had been altered in such a manner as to give the Executive power to suspend from membership members of the Union who failed to observe the regulations of the N.P.U., the C.D.A., or the P.A.T.A.

On the motion of Mr. HIGGS, the Council expressed their appreciation of the arrangement made by the N.P.U. Executive.

PROFESSIONAL CUSTOMERS

Representations regarding the rate of discount allowed by manufacturers and wholesalers to medical men, nurses and veterinary surgeons having been considered, the Council resolved that manufacturers, wholesalers and retailers, when supplying such professional customers, should charge a price equivalent to a discount of 10 per cent. off the minimum retail price, excepting in those cases where special arrangements are made by the manufacturers. The Council request that manufacturers whose products are subject to such special arrangements shall notify the latter to the P.A.T.A.

GIFT SCHEMES

The Council resolved that it is imperative that manufacturers in instituting gift schemes bear in mind the principles of price maintenance, and take due care to ensure that their schemes do not facilitate price cutting. The Council require that full particulars of any such schemes be submitted to, and approved by, the Association before being put into force. They also require that, in all cases, manufacturers shall make arrangements for participation by members of the wholesale section and arrangements for dealing with the stock held by the trade at the time the schemes come into operation. The Council resolved that breach of this rule may involve the removal of the manufacturer concerned from membership of the Association.

COUNCIL ELECTION PROCEDURE

The Council passed the following resolution:—"Members of the Executive Committee should be elected by the Council at the first meeting of the Council in January

of each year. Members shall retain their membership until the Council meeting in the January of the year following their election, notwithstanding their non-re-election to the Council in the election which takes place in the preceding December."

STATEMENT OF PRICE ON P.A.T.A. GOODS

The Council, having considered the resolution passed by the National Pharmaceutical Union Conference, resolved that members of the manufacturers' section be recommended to adopt, where practicable, the policy of embodying conspicuously on the outer wrapper or label of packages of P.A.T.A. goods the retail selling price of the product.

SUPPLY OF P.A.T.A. GOODS IN OFFICES, ETC.

The Council resolved that further steps be taken to prevent the supply of P.A.T.A. goods to the staff clubs and canteens of banks, insurance offices, and similar organisations. It was resolved that the co-operation of the Associated Chambers of Commerce and the National Chamber of Trade be sought in securing this objective.

PRICE-MAINTENANCE WORK

The secretaries submitted a report on the price-maintenance and investigation work conducted by the Association during the past quarter. The report was approved and adopted.

National Pharmaceutical Union

Pharmaceutical Publicity Association

The following are the principal passages in a circular sent to members of the Pharmaceutical Publicity Association by the secretary (Mr. G. A. Mallinson):—

The minimum membership of the Publicity Association has not yet been obtained, but such a measure of support has actually been received that the Executive are reluctant to abandon the scheme. A suggestion has come from a number of sources that if the publicity sign were issued and members allowed to commence exhibiting the sign, there would be no doubt about the required quota being obtained very quickly.

The Executive agree with this suggestion, but there are difficulties to overcome: in the first place, £10 was

guaranteed by members to the Publicity Scheme, but only £1 was set aside to cover the cost of the sign and sundry accompanying advertising matter. The signs, if purchased singly, would cost four times that amount, and only by ordering thousands at once is it possible to supply the sign within the amount (£1) allocated in the Scheme. Further, an undertaking was given to return subscriptions intact if the Publicity Scheme did not go forward; hence, orders for signs cannot

be placed at present until the requisite quota of members is obtained. The Executive are, on the one hand, asked to send out the signs, and on the other, unable

to order them unless they are released from the promise to return the £1 already paid should the publicity part of the Scheme have to be dropped.

The sign is, however, well worth having apart from the Publicity Scheme, and you are now invited to say if you would like to have it independently of the Publicity Scheme. An illustration of the actual sign with the size is given herewith. Will you be good enough to reply on the attached form saying whether or not you desire a sign sent to you. If you order the sign it is understood that the £1 already received will cover the cost of the sign, packing and delivery free to you, and that the transaction is complete regardless of the future of the Publicity Scheme. If the forecasted results of the issue of the signs materialise, the Publicity Scheme featuring this sign will be commenced with as little delay as possible. . . . There can be no question of issuing the sign to non-members of the Publicity Association.

Branch Meeting

Leeds.—A meeting of the Leeds Branch was held on April 10, Mr. N. H. Burns in the chair. Mr. H. Gilleghan spoke on *The Training of an Apprentice*. Mr. Gilleghan expressed the opinion that the object of an apprenticeship is to give the youth a good business training and not merely to prepare him for an examination. He suggested that the apprentice should first be taught to be clean, orderly and systematic, and went on to outline the various duties which should be allocated to him from time to time, together with a list of preparations which should be made at the dispensing counter. Several members spoke in agreement with Mr. Gilleghan, and a vote of thanks was proposed by Mr. Armitage.

Sporting Events

Ipswich Chemists' Hockey Club Mixed Team have played three matches recently and won on each occasion. The first was against Bungay Waveney, the score being 2—1, the second against Debenham, 3—2, and the last against the same team with a score of 3—1. The club held its last dance of the season on April 11.

The finals of Macleans' squash racquets tournament were played, on April 10, the matches resulting in the winning of the Ladies' cup by Miss B. E. Simpson (runner-up Miss B. Bennett), while the Men's cup was won by Mr. J. E. Dulle (runner-up Mr. H. G. Lazell). At a dinner, following the match, Major H. E. Meade (joint managing director) presented the cups to the winners.

The fifth annual three-day meeting of the Irish Chemists' Golfing Society will be held this year over the Bundoran (co. Donegal) links, on May 14, 15 and 16. An increased number of valuable prizes has been received from the manufacturers, and some keen contests are anticipated on this premier northern course. The Great Northern Railway have provided special travel facilities for the members of the Society travelling from Dublin to Bundoran on May 14. Members will travel at reduced fares in reserved second-class accommodation, and in addition special hotel tariff prices have been arranged for the Society. The outing should prove to be one of the most successful.

In their recent match Potter & Clarke's Association Football side "A" XI drew with Canning Town Glass Works XI in the Premier Division of the London Business Houses' Football League. The "B" team beat Batavier and by so doing won the Third League, Div. I of the London Business Houses' Association Football, thereby following in the steps of the "A" or Senior XI who also have won the Premier League, Div. I. Potter & Clarke's Netball Section played Clesco in the London Business Houses Netball Section, 2nd Division, and won 14 goals to 6. They also have become champions of their league and are playing Ostram's in the League championship deciding match, on May 5. They also defeated the London Business Houses' representative team, who are going to France, by 12 goals to 6.



P.P.A. SIGN (Registered)
Carboy green: triangle red

Pharmaceutical Society of Ireland

Council Meeting

THE monthly meeting of the Council was held on April 10 at 67 Lower Mount Street, Dublin, the president (Mr. P. J. Fielding) in the chair. Other members of the Council present were Messrs. D. Warwick, F. J. Fitzpatrick, D. W. P. Boyd, Sir Thomas Robinson, Dr. J. A. Mitchell, C. Cremen, J. T. Dwyer, J. Gleeson, M. J. Kieran, B. P. Hickey, J. Duggan and J. A. O'Rourke. Apologies for inability to attend were received from Miss F. M. Flood, Mr. P. Brooke Kelly and Mr. T. J. Smith.

GIFT TO THE LIBRARY

The Editor of THE CHEMIST AND DRUGGIST wrote presenting Volume II of "Pharmaceutical Formulas" to the Society's Library. On the motion of Mr. O'Rourke, seconded by Mr. Hickey, the best thanks of the Society were tendered to the Editor for his gift to the Society.

DANGEROUS DRUGS ACTS

The secretary of the Pharmaceutical Society of Great Britain wrote forwarding a list of names erased from the Dentists' Register on January 1, 1934.

It was decided on the motion of Mr. WARWICK, seconded by Mr. O'Rourke, to circulate the list of names to the Dublin and Provincial Retail Drug Association, and the Cork, Waterford and Limerick Chemists' Association.

A letter was read from the Secretary, Department of Justice, intimating that the Council of the Society would be consulted by the Department before making Regulations under the new Dangerous Drugs Act. The Council appointed the following members as a subcommittee to be available for consultation with the Department when notification was received:—Dr. Mitchell, Mr. Warwick, Mr. O'Rourke, Mr. Hickey.

RESIGNATION AND REGISTRATION

Mr. W. F. Jackson, Ph.C., who has gone to reside in England, wrote resigning membership of the Society.

Mr. Denis Gallagher submitted a Matriculation certificate and requested Preliminary registration. The application was granted.

CHANGES OF ADDRESS

The following changes of address were notified:—

Miss I. C. Hayes, M.P.S.I., from Dundrum Pharmacy, Dundrum, co. Dublin, to The Medical Hall, Castledermot, co. Kildare. Messrs. J. B. McDevitt, M.P.S.I., from Cloughfin, Castlefin, co. Donegal, to The Medical Hall, Stradbally, Leix. D. McGrath, M.P.S.I., from Bull Ring, Drogheda, to 22 Aungier Street, Dublin. F. B. Angley, L.P.S.I., from The Radisson Pharmacy, Radisson, Sask., to The Regina Pharmacy, 1861 Scarth Street, Regina, Sask. T. R. Brabazon, L.P.S.I., from 54 Leinster Road, Rathmines, to Upton, Kenilworth Square, N. Rathgar, Dublin. P. T. Callanan, L.P.S.I., from Central Medicine Depot, Rand Mines, Ltd., P.O. Box 1056, Johannesburg, S.A., to The Corner House, Johannesburg, Wm. Esler, L.P.S.I., from c/o Player's Club, 12 Denman Street, Piccadilly, London, W.1, to Ben-Vista, Knockbrida Road, Cregagh, Belfast. C. D. Foley, L.P.S.I., from 35 Morehampton Terrace, Donnybrook, to c/o Hayes, Conyngham & Robinson, Ltd., 8 Main Street, Blackrock. S. J. Hamilton, L.P.S.I., from Box 198, Barberton, Transvaal, S.A., to 39 Chapel Street, Cookstown, N. Ireland. R. L. Hanna, L.P.S.I., from The Manse, Portlannington, Leix, to c/o John Smith, Esq., M.P.S.I., 8 Terenure Road, E. Rathgar. A. A. Harmel, L.P.S.I., from 112 Siemert Road, Johannesburg, to Central Dispensary, Johannesburg. P. Kingston, L.P.S.I., from 10 St. Peter's Place, Adelaide Road, Dublin, to The Manse, Raphoe, co. Donegal. T. H. McCullagh, from c/o Smart & Copley, Ltd., Box 549, Bulawayo, S. Rhodesia, to c/o Smart & Copley, Ltd., 854 and 87 Main Street, Bulawayo, S. Rhodesia. D. C. McDougall, L.P.S.I., from c/o Dr. J. Gardiner, 3 Usher's Island, Dublin, to 9 Dolphin Avenue, South Circular Road, Dublin. H. J. Owgan, L.P.S.I., from 151 Russell Avenue, Port Elizabeth, to c/o James & Co., P.O. Box 416, 256 Walmer Road, Port Elizabeth. A. E.

Pepper, L.P.S.I., from Duchess, Alberta, Canada, to 243 Camino Real, Hermosa Beach, California. F. I. Robinson, L.P.S.I., from S. A. R. Drug Stores, Braamfontein, Johannesburg, to c/o Sarly Sick Fund, Central Dispensary, Johannesburg. W. B. Stewart, L.P.S.I., from c/o Mr. R. H. Lowe, Chemist, Ladysmith, Natal, S.A., to The Bellair Pharmacy, Bellair, Durban, Natal. M. J. Usher, L.P.S.I., from 108 Patrick Street, Cork, to 4 Cook Street, Cork. W. J. Webb, L.P.S.I., from Hayes, Conyngham & Robinson, Ltd., Elgin Road, Ballsbridge, to 26 Newbridge Avenue, Sandymount, Dublin.

REPORTS FROM COMMITTEES

The House and Schools Committees' reports were submitted and approved.

The Certificates and Declarations Committee reported that three candidates entered for the Registered Drug-gist examination, of which number two presented themselves for examination. Thirty-two candidates entered for the Licence examination, of which number one had since withdrawn. The report was adopted.

REMOVAL OF NAMES FROM REGISTER

The registrar (Mr. J. J. Kerr) reported upon the removal of the name of Mr. J. P. Timmon, Ph.C., from the Register under Section 25. The registrar reported upon the deaths of Mr. W. McCarthy, M.P.S.I., Mr. J. P. Butler, Ph.C., and Mr. J. A. Whitt, Ph.C.

ELECTIONS AND NOMINATIONS

The following were elected members of the Society:—Miss M. J. Lawlor, Messrs. J. J. Connolly, F. J. Flanagan, P. Greene, R. Henderson, and L. G. Smith.

The following were nominated for membership:—Messrs. F. J. Brennan, 5c Prospect Road, Glasnevin; P. J. Griffin, The Medical Hall, Tullow, co. Carlow; G. F. Hinchy, Blackrock, co. Cork; J. M. Huban, 17 O'Connell Street, Athlone; M. J. Keating, Medical Hall, Ballaghaderreen; T. Kerins, The Medical Hall, Macroom, co. Cork; O. Lynch, Rathangan, co. Kildare; E. P. Magee, Kells, co. Meath; D. J. Meehan, The Square, Athy; P. McAuliffe, Ballyhindon, Fermoy, co. Cork; D. McGrath, 22 Aungier Street, Dublin; E. O. Callaghan, The Prescription Pharmacy, Cork; E. R. Owen, The Medical Hall, Dunmanway, co. Cork; P. K. Ryan, Central Pharmacy, 32 O'Connell Street, Ennis; P. Teehan, 101 High Street, Kilkenny; M. J. Usher, 4 Cook Street, Cork; T. M. Walsh, The Medical Hall, Dingle, co. Kerry; J. J. Fitzgibbon, 114 O'Connell Street, Limerick; D. S. Walshe, Medical Hall, Swinford.

Coming Events

This section is reserved for advance notices of meetings or other events. These should be received by Wednesday of the week before the meetings, etc. occur.

Wednesday, April 25

National Association of Women Pharmacists, 17 Bloomsbury Square, London, W.C.1, at 7.30 p.m. Annual meeting.

Birkenhead and Wirral Pharmacists' Association, Woodside Hotel, Birkenhead. Annual meeting.

Thursday, April 26

Photographic Dealers' Association, Glasgow and West of Scotland Branch, 27 Elmbank Street, Glasgow, C.2, at 8 p.m. Annual meeting.

Manchester Pharmaceutical Association. Smoking concert in aid of the Pharmaceutical Society's Benevolent Fund.

WEST HAM AND EASTERN DISTRICT ASSOCIATION OF PHARMACISTS.—A meeting will be held on May 1, at 8.45 p.m., at 150 The Grove, Stratford, E., to hear addresses by candidates in the forthcoming election to the Pharmaceutical Society's Council.

More Dublin Pharmacies



and black marble, against which the red and black signs stand out well. The window casings are in chromium. The interior fitting of this pharmacy was undertaken by A. H. Bex, Ltd., and is equally impressive.

Another recently completed pharmacy in the south suburbs which commands attention is that of J. J. Roche & Co., Ltd., Donnybrook. Here Messrs. Bex have installed a new frontage which follows much upon the style of the frontage of the company's principal pharmacy in O'Connell Street, Dublin, with the difference that the fascia in the Donnybrook Pharmacy

SEVERAL of the new pharmacies which have been opened lately in Dublin and district have been described in the *C. & D.*, and on this page other attractive modern establishments are dealt with. In the north suburbs of the city, at Home Farm Road, Drumcondra, one of the most imposing suburban pharmacies is that recently opened by Mr. Joseph K. Dargan, M.P.S.I. O'Connor & Bailey, who were responsible for the exterior, have certainly provided one of the finest corner lay-outs seen for some time. The entire frontage is carried out in an artistic shade of green



is carried out in white, instead of black, and has bold sign letters in black with effective red insets. The main surround is in black, while the window casings are in bronze.

At 135 Thomas Street, Mr. James Mangan, M.P.S.I., has fitted an attractive modern front to his existing business. Here again black and red are favoured as the colours for the fascia and sign. The brown tiled base is something different, which is pleasing and refreshing. The window casings are done in chromium. This entire front was carried out by Mr. J. Flynn.

Pharmacy League

THERE was a large attendance on April 17, when the newly-formed Pharmacy League held a meeting in the lecture theatre at 17 Bloomsbury Square, London, W.C.1, for the purpose of submitting the objects and rules (C. & D., April 14, p. 411). Mr. Norman Dewey presided, and supporting him were Messrs. Neville Brown, J. H. Carter and A. G. Tibbett.

ADOPTION OF OBJECTS AND RULES

THE CHAIRMAN, at the outset, welcomed the members, and recalled that at the previous meeting he and his colleagues on the provisional committee had been "given six months" in which to formulate a policy for the League and draw up the necessary rules. "We are now out on ticket-of-leave," he said amid laughter, "and you have the result of our deliberations before you." The Committee, continued Mr. Dewey, had formed a constitution, and wanted those present to launch the League on its real business. They would appreciate that all the proposals were rather experimental; they were not tried or proved, and it was very difficult to say definitely whether any one rule would really work. But he asked those present to weigh up anything they were thinking about and hold their ideas in abeyance for the time being, because they would have every chance later on to alter any of the rules, or to slaughter any one who did not approve. If they would let the rules go on for one year it would avoid a lot of discussion. What they wanted to do was to form as far as possible a number of links or cells which would gradually spread all over the country to form the basis of the League. Theoretically, of course, they ought to go through the rules one by one, tear them to pieces and rebuild them. That process, however, would take a long time, and probably the amended rule, after twelve months' experience, would not be any better than the existing one. He suggested that the meeting should take the rules as a whole in order to facilitate matters. If they all pulled together and forgot trifling differences it would be better, and they could devote themselves to the main cause. He urged that they should get down to important matters right away, and suggested that someone should propose the adoption of the rules without alteration and thus save having to rush through them.

MR. HEYWOOD said he thought they would agree with him that there was very little in the rules that would do any harm, and he therefore proposed that they be approved *en bloc*. They could remain in force until February 1935, and could then be brought up for re-examination.

MR. THOMPSON (Muswell Hill) seconded, and the rules were adopted.

ELECTION OF COMMITTEE

The next question considered was the election of the Committee.

MR. DAVIS said that the Committee, as proposed, was hardly representative of the various interests in pharmacy.

A member of the audience pointed out that the rules had been adopted without any opportunity being given to those who might not agree with the proposition.

The proposition was again put to the meeting and carried by a large majority. The acting committee was also elected for twelve months.

THE CHAIRMAN explained that it was proposed the Committee should meet and receive information from key members, either men or women, who should be enthusiasts living in various areas all over London and eventually in the provinces. One member situated in an area would be able to get in touch with, say, six or seven in that locality who were equally keen, and call a meeting at the house of one of them. They could then communicate their ideas to the Committee.

MR. L. A. BAILEY (West London) declared that nothing more or less than some organisation on trade union lines would be of help in achieving the objects of the

League. It would have to be concerned with salaries, conditions of employment, hours of labour and so on. He thought it was high time something was done.

THE CHAIRMAN said that as far as his information went he understood that a trade union must be legalised; it must have a paid secretary and a registered office.

A member of the audience said their chief enemies were the Society and the N.P.U. (Laughter.)

THE CHAIRMAN said that the League would take three, or possibly five or six years, to grow. Everyone who put up for membership of the Council in future years would be sent a *questionnaire*, and on their answers a good deal would depend, as far as the League were concerned.

A MEMBER: Will that be done at this election?

THE CHAIRMAN: We shall certainly try to do it if there is time, and there will be no voting by us for those who do not answer satisfactorily.

Names were invited from the members of the audience willing to take up "key" positions in the League, and there was an enthusiastic response.

THE CHAIRMAN announced that the League would not meet for another year.

This appeared to cause disappointment to a number of those present, and the CHAIRMAN then explained that it did not mean that the League would be inactive. If any crisis arose the Committee would call a meeting, and meanwhile he asked members not to hesitate in putting before "key" members any matter they regarded as of interest or importance.

After the meeting many members responded to the request that they should pay their subscriptions before leaving.

Eighteenth-Century Advertisements

THE interest of the eighteenth century, from whatever point of view one approaches it, is almost inexhaustible. The advertisements in two old newspapers will serve as an example.

"The Times" of November 19, 1796—a four-page news-sheet—is well supplied with advertisements of medicines and appliances, amongst which is one occupying a sixth of a column for "Count Bentuchef's Tonic Nervous Tincture, or General de la Motte's Golden Drops." It is "prepared and sold by the sole proprietor Charles Lynam, Apothecary No. 48 Aldermanbury, and by his appointment at E. Newbery's, corner of St. Paul's Churchyard etc." This is followed by a long advertisement for Dr. James's Analeptic Pills which are "sold only by Francis Newbery at No. 45 in St. Paul's Churchyard, and at Dr. James's late house in Bruton St." Then we find Rymer's Cardiac Tincture, a "cure for the Dead Palsy," advertised at £1 1s. per pint bottle. In this issue Messrs. Venn & Kemble, Brokers, 15 Bow Lane, advertise the sale at Garraway's of 270 bales of cinnamon, and various lots of cloves, cassia, pepper and coffee.

"The Morning Post (and Daily Advertiser)" for January 27, 1775, was well patronised by this type of advertiser. Baldwin's Pectoral Balsam of Honey "may be had genuine of Mr. Baldwin, Paternoster Row . . . Mr. Newbery, Ludgate St. . . and all the great medicinal warehouses in London." Maredinto Drops, "never sold for less than six shillings the bottle," is advertised by its proprietor, John Norton, surgeon, Golden Square, near Piccadilly. A certificate of a cure by James Cowper, M.D., is included in the advertisement. "Leake's justly famous pills" by his Majesty's Letters Patent, are "well known for curing in all its stages the venereal disease, price 2/6 the box." These are advertised from the address of the Patentee, the Golden Head, No. 15 Bride Lane, Fleet Street. Velnos Vegetable Syrup, also a patent, "an acknowledged specific in all scorbutic and venereal cases," is to be obtained for 10s. 6d. per quart bottle at Dr. Burrows's in the Haymarket.—E. J. P. (20/9).

Marriages

DENNANT—BEARDSLEY.—At All Saints' Church, Woodford Green, Essex, on April 14, G. E. Kenneth Dennant, only son of Mr. and Mrs. E. Dennant, Woodford, to F. E. Muriel Beardsley, elder daughter of Mr. and Mrs. W. J. Beardsley, Woodford Green.

ZEAL—BROWN.—At All Souls', Langham Place, London, W.1, on April 14, Raymond Oakley Zeal, younger son of Mr. G. H. Zeal (G. H. Zeal, Ltd., London, E.C.1), to Alison Mary Druiitt Brown, Aldwick, Sussex.

Deaths

CHAMBERS.—On April 15, suddenly, Mr. Frederick Chambers, director and representative of Castle Huskisson, Ltd., manufacturing chemists, Moon Street, Islington, London, N.1, aged sixty-four. Mr. Chambers had been closely connected with the firm for the past thirty years, and will be greatly missed by his customers and colleagues.

GANE.—In New York, U.S.A., on March 23, Mr. Eustace Harold Gane, Ph.C. (Gane & Ingram, Inc., manufacturing chemists, 43 West 16th Street, New York City). Mr. Gane was a Bell scholar in 1891, and passed the Major examination in the following year. He was for some time on the editorial staff of THE CHEMIST AND DRUGGIST before going to the United States, where, after a period as chief chemist to McKesson & Robbins, he commenced business on his own account.

LESLIE.—Recently, Mr. James Leslie, L.P.S.I., 85 Mayfield Road, Sanderstead, Surrey. Mr. Leslie, who had been residing in England for some years, was believed to be the oldest licentiate of the Pharmaceutical Society of Ireland, having qualified in March 1876. He commenced his career in Belfast, where he became a member of the firm known as Cantrell, Davidson & Leslie, Castle Place. Later the first partner, Dr. Cantrell, joined with a Mr. Cochrane to form the well-known firm of Cantrell & Cochrane. The original business was then continued as Davidson & Leslie until Mr. Leslie went to England.

LLOYD.—At 44 High Street, Lewes, on April 8, Mr. James Clement Lloyd, chemist and druggist, aged seventy-three. Mr. Lloyd sold his pharmacy, which he had carried on for many years, a few weeks before his death. He was a member of the Lewes Scientific and Literary Society.

TAYLOR.—On April 11, Mr. Herbert Edwin Taylor, chemist and druggist, 6 St. Stephen's Street, Norwich, aged seventy-eight. Mr. Taylor's business was established in 1852 by his uncle, Mr. Frederick Row, who was succeeded by a brother, Mr. George Row. Eventually the pharmacy was carried on under the style of Row & Taylor, Ltd. Mr. Taylor took an active part in the management almost to the end, and in late years had been assisted by Miss A. M. Row, chemist and druggist.

TOOKEY.—On April 7, Mr. Edwin James Tookey, chemist and druggist, 80 Warwick Road, Olton, Birmingham, aged seventy-five. Mr. Tookey was successively a laboratory assistant at Adelaide, South Australia; for over thirteen years in charge of departments with Wyleys, Ltd., Coventry; assistant manager to Parke, Davis & Co., Hounslow; for ten years in charge of a laboratory at the works of Newball & Mason, Ltd., Nottingham; and in late years senior chemist to The County Chemical Co., Ltd., Bradford Street, Birmingham. Mr. Tookey was much respected by all with whom he came in contact.

TRANMER.—At 71 Holly Lane, Smethwick, on April 10, Nellie May, wife of Mr. Edward Tranmer, chemist and druggist, aged twenty-seven.

WATSON.—At a nursing home in Glasgow, on April 11, Harriet Mary, beloved wife of Mr. David Watson, chemist, Uddingston.

Personalities

MR. DUDLEY C. STONE has been appointed general manager of Alluhr, Ltd., Hardwick Street, London, E.C.1.

MR. J. B. GOULDBOURN, chemist and druggist, Shrewsbury, has been appointed a magistrate for the borough.

LORD HERBERT SCOTT has been elected president of the Federation of British Industries in succession to Sir George Macdonogh.

MR. R. B. SCAMMELL (director of F. H. Faulding & Co., Ltd., London, E.C.2, and managing director of this company's Sydney House) and **MRS. SCAMMELL** propose to spend the next few months on a holiday tour of Great Britain and the Continent, returning to Australia in the autumn. Communications may be addressed to the London office of the company, Spencer House, South Place, E.C.2.

MR. W. E. SWANSTON, F.S.M.C., chemist and druggist, president of the North London Pharmaceutical Association (see p. 455), was born in 1889 at Bradford, served his apprenticeship there and afterwards became an assistant with J. Savage & Co., Ltd., in the city. He came to London in 1912, was an assistant for a time with Mr. J. W. Webber, Chiswick, W., leaving there to attend the Westminster College of Pharmacy. After qualifying in 1914, Mr. Swanston remained as a demonstrator at the College for some time, and later was appointed dispenser at King's College Hospital. During the war he served in the Special Brigade of the Royal Engineers in France. Mr. Swanston took over his business in Hornsey Road, N.7, in 1920, and in 1926 passed the examination of the Spectacle Makers' Company. He has been secretary of the London Chemists' Sports Club for ten years, and associated with North London Pharmaceutical Association as assistant secretary for five years; he was also secretary of the Walthamstow Pharmaceutical Association for two years. In Masonry Mr. Swanston is I.P.M. of Cama Lodge No. 2105. He is at present studying medicine at University College, London.



MR. W. E. SWANSTON, F.S.M.C.

MR. RAYMOND SWAITS, chemist and druggist, who is now in business in Heysham, was until recently treasurer of the Leeds Conference Fund Committee. In recognition of his work, the various pharmaceutical organisations in the city—the local branches of the Pharmaceutical Society and the National Pharmaceutical Union, with the Pharmaceutical Committee—have presented him with a clock, a mirror and a chair.

MR. A. H. P. JENNINGS, who has represented Allen & Hanburys, Ltd., in India for several years and is leaving for home, was on March 8 entertained by the members of the drug trade in Calcutta and presented with an address of appreciation. Sir Hari S. Paul presided, and among others present were Messrs. R. D. Lemmon (Martin & Harris, Ltd.), H. D. Nag (Burgoyne, Burbidges & Co., Ltd.), Henry S. Clark (The British Drug Houses, Ltd.), H. W. Mayo (C. & E. Morton, Ltd.), B. W. Clark (Allen & Hanburys, Ltd.), Frank S. Elmore and his son (Brand & Co., Ltd.).

Trade Notes

SPENCER BROTHERS, 39 Shoe Lane, London, E.C.4, inform us that during the past year they have experienced an unprecedented demand for face cloths.

GIBBS'S NEW TOOTH PASTE.—D. & W. Gibbs, Ltd., Wapping, London, E.1, are placing on the market a new product which will be known as Gibbs S.R. toothpaste. Containing sodium ricinoleate, the dentifrice, which is attractively packed, is stated to be very bene-



ficial for sufferers from gingivitis and gum troubles generally. The paste is to be supported by well-planned propaganda among the dental profession. As will be seen from the illustration, the new paste will be supplied in half-dozen display outers.

S. MAW SON & SONS, LTD., Aldersgate Street, London, E.C.1, are offering Mickey and Minnie Mouse toothbrush holders.

OSLO PRODUCTS.—Macleans, Ltd., Great West Road, Brentford, have recently made the prices of Oslo shampoo and bath salts uniform so that chemists can assort orders and thus take advantage of quantity terms.

NOBBY'S EXTRACT.—Nobby's Products, Ltd., Hyde, in their advertisement in this issue give some particulars of the use of their extract of malt and hops for making home-brewed ale and stout.

ANTI-GLARE GLASSES.—Protection for the eyes against light from above is afforded by the brows, lashes and headgear, but where much upward reflection occurs, such as at the seaside, or in sandy or chalky districts, some further protection is required, particularly in sunny weather. The General Optical Co., 120 Clerkenwell Road, London, E.C.1, specialise in anti-glare spectacles which are supplied in attractive display cartons.

HEAVY WATER, which has been discovered so recently, is to be produced commercially by Imperial Chemical Industries, Ltd. This announcement affords a proof of the enterprise of the British chemical industry which has in so short a time transformed a laboratory curiosity into a marketable commodity. Plant has been developed at Billingham capable of producing a continuous supply of heavy water of approximately 30 per cent. purity at the rate of 5 gm. per day.

ELI LILLY & Co., LTD., who are affiliated with the well known house of Eli Lilly & Co., manufacturers of pharmaceutical and biological products, Indianapolis, U.S.A., have commenced business at 2 Dean Street, London, W.1. The commercial policy, which is fully stated elsewhere in this issue, should result in new and profitable business to the trade generally. The following products are being advertised in the medical journals:—Amytal tablets, Sodium Amytal pulvules and ampoules, Merthiolate (solution, tincture, cream, jelly and ointment), Extralin pulvules, Amertan (tannic acid and merthiolate jelly) and Para-Thor-Mone. The American company has been established since 1876, and it is interesting to note that Colonel Eli Lilly, the founder, received his early training in Lafayette, Indiana, from Henry Lawrence, a highly educated English apothecary, to whom he was apprenticed. From a small beginning almost sixty years ago, this company has grown to be one of the largest producers of pharmaceutical and biological products in America. The company in this country will introduce a representative selection of the American company's products.

Continuous Research

Characterises the production of our

Jalenicals

Liquid Extracts, Tinctures, Infusions, Decoctions, Emulsions and all Pharmaceutical Preparations

POTTER & CLARKE

60-61 ARTHUR LANE, LONDON, E.1

The Evolution of the

CATARRH PASTILLE

POTTER & CLARKE

Perfect examples of Pharmaceutical Excellence

Potter's Citrates

Ferric Citrate, Potassium Citrate, Sodium Citrate

POTTER & CLARKE

60-61 ARTHUR LANE, LONDON, E.1 AND AT 27 BANCROFT STREET, MANCHESTER, 4

THE ABOVE illustrations have been selected from a series of advertisements prepared by, and appearing in, THE CHEMIST AND DRUGGIST. Messrs. Potter & Clarke have inserted many striking announcements in the advertisement pages, but few, if any, can have depicted in a better manner the various manufacturing activities of this well-known house.

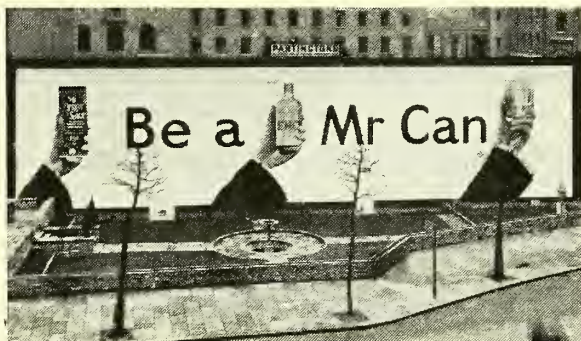
KOLYNOS GIFT SCHEME.—Kolynos (Sales), Ltd., 12 Chenies Street, London, W.C.1, are offering users of their dental cream a toothbrush and tumbler holder. This is made of glass with chromium-plated supports for fixing it to the wall. The scheme involves the chemist in no extra work, as the vouchers are enclosed in the



carton and should be sent by the purchasers direct to Messrs. Kolynos. A photograph of a showcard with the fitting is reproduced here. The other showcard refers to the chessboard puzzle being distributed by the company. Supplies of counter wrappers announcing the gift of the bathroom utensil, as well as the showcards, are available on request.

DEVELOPING AND PRINTING.—Photographic chemists in London are being offered a six-hour service by Photours, 119 Norwood Road, London, S.E.24. The firm undertakes every branch of the work and supplies attractive show material.

A GIANT POSTER.—The Bush House hoarding, Strand, London, W.C., has been used for calling attention to a number of products which find their outlet to the public through the drug trade. At the present time the site is



"featuring" a "Mr. Can" poster of J. C. Eno, Ltd., Piccadilly, London, W.1, and a photograph of it is reproduced above. The wording covers a depth of 8½ ft. and the well-known pack stands 14½ ft. high.

Business Changes

MR. C. A. HARRIS, chemist and druggist, has opened the Moorland Pharmacy, 4 The Arcade, Okehampton.

TAYLORS DRUG CO., LTD., are opening a pharmacy at Sudell Cross, Blackburn.

SINGLE, DALBY & CO., druggists' sundriesmen, have removed from 42 Oldham Road to 4 Miller Street, Manchester, 4.

D. HARRIS & CO., importers and merchants, have removed to larger offices and showrooms at 37 Brewer Street, Regent Street, London, W.1.

G. H. ZEAL, LTD., thermometer manufacturers, St. John Street, London, E.C.1, will shortly be moving to their new factory at Morden, Surrey.

MR. DAVID FINDLAY, chemist and druggist, has purchased the business of Mr. Peter Y. Massie, chemist and druggist, 10 Alexander Street, Airdrie.

THE telephone number of William R. Warner & Co., Ltd., manufacturing chemists, 300 Gray's Inn Road, London, W.C.1, has been changed to Terminus 3166 (4 lines).

MR. I. W. CHAPMAN, chemist and druggist, 54 Charles Street, Hull, who has been for many years in business at the same address, is closing the shop at the end of May.

MR. A. H. NEALE, chemist and druggist, has opened a pharmacy at 8 The Centre, Weston-super-Mare, where he is assisted by George E. S. Kendall, chemist and druggist.

Trade-Mark Applications

The figures in parentheses refer to the classes in which the marks are grouped. A list of classes and particulars as to registration are given in "The Chemist and Druggist Diary," 1934, p. 304.

(From "The Trade Marks Journal," April 11, 1934.)

"BOB MARTIN'S"; for veterinary preparations for dogs and cats (2). By Bob Martin, Ltd., 17 Union Street, Southport. 546,461.

"GISHURST COMPOUND INSECTICIDE" on label design incorporating devices of thrip and red spider (thrip and red spider devices disclaimed); for insecticides (2). By Price's Patent Candle Co., Ltd., Battersea, London, S.W.11. 547,455. (Associated.)

"KEROL"; for all goods (3). By Kerol, Ltd., 47 Russell Square, W.C.1. 544,844. (Associated.)

"ROYTHAMS" on diamond shape; for medicated powders for internal use (3). By J. Royston, Houghton Road, Thurnscoe, Nr. Rotherham. 546,821.

"TWINKLE"; for preparations for internal treatment of headache, neuralgia, travel sickness and nerve ailments (3). By Vandré, Ltd., 227 Bath Street, Glasgow, C.2. 547,067.

"GLANDVITA"; for medicated glandular preparations (3). By G. A. Hutton & Co., Ltd., 24-27 High Holborn, W.C.1. 547,541.

"GENATOLE"; for medicinal chemicals (3). By Parfumerie Lafine, Ltd., 6 Ridgmount Street, W.C.1. 547,599. (Associated.)

"ENDEZMA"; for tablets for asthma and bronchitis (3). By H. & I. Isaacs, 111 High Street, Merthyr Tydfil. 547,926.

"ANESTAN"; for medicinal chemicals (3). By The Ephazone Co., 179-180 Piccadilly, W.1. 548,372. (Associated.)

"DEXICOSE"; for medicated sweetmeats (3). By The Dexico Supply Co., 23 Stuart Road, Gt. Crosby, Liverpool. 548,616.

"BIOGLAN" with design ("Bioglan" disclaimed); for medicinal chemicals (3). By The Bowsher Laboratories, Ltd., Ponsbourne Manor, Newgate Street, Hertford. 548,819.

"FUMATOL"; for all goods (11). By G. E. Lehrs & E. G. Inge, 4 Hill View Gardens, North Harrow. 547,059.

"NOVEX" for mineral waters, etc. (44). By W. J. Bush & Co., Ltd., 28 Ash Grove, Hackney, E.8. 548,614.

"ILENA"; for toilet preparations (48). By R. Young & Co., 45-47 Little Britain, E.C.1. 547,472. (Associated.)

"FLAMINGO"; for toilet articles excluding soap (48). By Gallia, Ltd., 26A Albemarle Street, Piccadilly, W.1. 547,896.

"TEXTALC"; for perfumery, etc. (48). By Johnson & Johnson (Gt. Britain), Ltd., Fairlie Road, Slough Trading Estate. 548,043.

"IZAL" with design of cross on diamond shape; for perfumery, etc. (48). By Newton, Chambers & Co., Ltd., Thorncliffe Ironworks, near Sheffield. 548,002. (Associated.)

"BISMURELLE"; for toilet creams, powders, lotions, soap and tooth paste (48). By The Blythwood Chemical Co., Ltd., 213 West Campbell Street, Glasgow. 548,679. (Associated.)

Telegrams :
"Atoleine"
Sedist,
London."



Telephone :
Bermondsey
1141

John Bell, Hills & Lucas Ltd.
TRIAD BRAND
EXTRACT OF MALT & COD LIVER OIL
with CHERRY PARRISH'S FOOD

Send for Sample & Prices
Oxford Works, Tower Bridge Road, London, S.E.1

ARCASCA

(REGISTERED)

An Aromatic Cascara product of proved clinical value in obstinate and habitual constipation. The physiological effect of "Arcasca" on the intestine brings about a natural peristaltic reflex leading to normal conditions of the colon.

Retail Price: 2 oz. bottle, 1/6; 4 oz., 2/6
Wholesale Price: 2 oz., 12/- per doz.; 4 oz., 20/- per doz.

IVESTRON

(REGISTERED)

COMPOUND LIVER EXTRACT

A palatable and effective hæmatinic of particular value in the treatment of pernicious anæmia and in anæmias due to defective nutrition.

Price: 4/6 per 8 oz. bottle; 16 oz., 8/6. In bulk, 8/- per lb.

WYLEYS Ltd.

COVENTRY

ESTABLISHED 1750.

KEEN BUYERS KNOW

It pays to push "Nostroline." Where else are BIG SALES and GOOD PROFIT on an ETHICAL PRODUCT backed by such continuous FRONT RANK NATIONAL ADVERTISING?

Order 3 doz. "Nostroline" display parcel
11/3 per doz. carriage paid.

MATTHEWS LABORATORIES LTD., CLIFTON, BRISTOL 8

Felsol

(Regd.)

for

Asthma

Continuous Propaganda conducted
with the Medical Profession.

P.A.T.A. terms upon request.

BRITISH FELSOL COMPANY, LTD.
15, CAROLINE STREET, LONDON, W.C.1

S H E R R Y

ORANGE WINE

ORANGE QUININE WINE

JAS. BURROUGH LTD. 1 GALE DISTILLERY,
LAMBETH, S.E.11.

ESTABLISHED 1820



'MEDINAL' & 'VERAMON' CIRCULARISATIONS
in process of issue to medical men and dentists in the U.K.
'NEOTROPIN' & 'PROGYNON' CIRCULARISATIONS
in preparation

WE INVITE YOUR CO-OPERATION BY HOLDING STOCKS
Supplies may be ordered direct and invoiced through your usual Wholesaler

188/192 High
Holborn,
London, W.C.1



Telegrams—
Schering, Phone,
London
Telephone—
Holborn 9345 (4 lines)

"Ty-phoo" (Owned by
TEA Sumner's "Ty-phoo" Tea Ltd.
Birmingham)

is the rare "leaf-edge" tea which doctors throughout the country are now recommending to patients with whom ordinary tea disagrees.

Applications invited for sample and terms for what is claimed to be

"The best paying line in the trade"

(This Company is not connected
with any other House)

(21 2/3 % on selling price)

VETERINARY COUNTER PRACTICE. Price 7s. 6d. net,
by post 8s.

THE PHOTOGRAPHIC CHEMIST. Price 3s. 6d., by post
3s. 8d.

THE ART OF DISPENSING. Price 8s., by post 8s. 6d.

THE C. & D. PRICE LIST FORMULARY, "P.L.F."
Price 2s. 6d. post free.

DISEASES AND REMEDIES. Price 5s., by post 5s. 3d.

THE "CHEMIST AND DRUGGIST," 28 Essex Street, W.C.2

Information Department

INFORMATION WANTED

Postal or telephone information with respect to makers or first-hand suppliers of the undermentioned articles will be appreciated.

F/16. Bioklein (vitamin pro-	A/18. Oatmeal chocolate
duct)	H/18. Rayboosh tea
T/64. Bristol soap	T/16. Thyloidine
H/16. d'Alencourt's Lotion	
Vegetale	
R/11. Esterfoam or Oestrafoam	B/17. Tricholotin (petroleum
tablets	oil)

THE CHEMIST AND DRUGGIST

VOL. CXX.

APRIL 21, 1934

NO. 2828

The Budget

THIS year's budget day has had the natural effect of causing the general taxpayer to congratulate himself on the welcome change it has brought into his experience of post-war budgets. The Chancellor of the Exchequer not only gives relief from tax burdens which reach practically every class of the community, but, by the spirit of reasoned hope in which he regards the nation's economic future, makes an important contribution to the feeling upon which a national industrial revival largely depends. Some disappointment will no doubt be felt by those who approached the speech under the influence of the inflated revenue figures which appeared in the Press towards the close of the past financial year. To them a matter of £30,000,000, which was the limit of the Chancellor's disposable surplus in the coming year, may seem paltry, but that is hardly a fair standpoint from which to view the subject.

Two Years Ago

The real test of progress is to be found in a comparison of what the nation has left behind since it encountered the economic blizzard of 1931 and the position it has now reached. We were then on the verge of national bankruptcy; we have now an undeniably large margin of safety. What taxpayers have contributed to that position of security the Chancellor generously acknowledged in the sentence: "When the need arose in 1931 the sacrifices which were demanded then from our people were accepted by them cheerfully, and they have since been borne with unexampled courage and patience." And as we see around us many nations with their budgets unbalanced and their fiscal systems in ruins, it may be permissible to recall the proud saying of Pitt, that this country had saved herself by her exertions and would yet save other countries by her example.

The Chancellor's Plans

The method in which he disposes of his surplus shows that Mr. Chamberlain's testimonial to the self-sacrificing efforts of taxpayers was more than mere lip-service. His ideal he declares to be the complete return to the state of things as it existed prior to the emergency measures of 1931. This, however, the means at his disposal did not make completely attainable, and he proceeds to distribute his benefits with as close a regard as possible to the pressure of the sacrifices made on those called upon to make them. In this spirit he proposes to restore the cuts in unemployment benefit. For this legislative authority will be necessary, and so the restoration will take effect as from July 1 next, by which date it is expected a measure providing for the restoration will have passed through Parliament. The general assent

which this proposal met in the House must have been very gratifying to the Chancellor, and is likely to be echoed throughout the country. Turning to the other cuts, that is those in the pay of Ministers, members of Parliament, judges, civil servants, members of the Forces, police, teachers and insurance doctors and chemists, Mr. Chamberlain finds that his surplus does not permit of his doing more than restoring half the cut. For this, as in the case of the unemployment benefit cuts, legislation will be necessary, and the operation of the change is consequently deferred to July 1 also. The next concession, and the chief in the sum it involves, is the reduction which the budget proposes to make in the standard rate of income tax from 5s. in the £ to 4s. 6d. This, the Chancellor estimates, will cost £24,000,000 in a full year. The concession in regard to motor-car licence duties follows next in general interest, though the loss to the Exchequer from the concession is comparatively small, estimated at £200,000 in a full year, the remainder of the money remitted coming out of the Road Fund. It is proposed to reduce the licence duty rate per horse power on a car by 25 per cent., from £1 per horse power to 15s., with a corresponding reduction in the duty on cycles. In this case the reduction in the duties is to take effect as from January 1, 1935.

Mincr Changes

Other changes proposed in the duties are comparatively unimportant. The Customs duty on arc-lamp carbons of foreign origin is increased from 1d. to 5d. per lb., and the duty on patent leather imported other than leather of Colonial origin is raised from 10 to 15 per cent. *ad valorem*. A small duty is also imposed on certain hydrocarbon oils imported, but the return from the duty is expected to be negligible. The budget has, of course, not escaped criticism. It would be difficult to recall any national balance sheet which did. In the general chorus of approval one reflection may perhaps be allowed: a budget statement which ignores the national position as regards our foreign trade seems incomplete.

Publicity with Variations

In view of our not inconsiderable share of responsibility for effective publicity in pharmaceutical affairs, we were intrigued by a reply given by the president of the Pharmaceutical Society to a question asked by Mr. F. Gladstone Hines at the March Council meeting (*C. & D.*, April 7, p. 398). The reply, unfortunately, was given in Mr. Hines's absence, he being unable to attend the April Council meeting owing to illness. But we may hazard a guess that Mr. Hines is not satisfied with the practice of issuing to the Press a communicated report of the meeting of Council held on the Tuesday evening. We know that this was one of the grievances of the late Mr. John Humphrey. Members of the Society may be surprised to learn that no agenda of such items of business is issued to members of Council themselves. They are entirely in the dark as to what may be sprung upon them on the Tuesday evening. And if, as on this last occasion, a member is absent by reason of illness, not only has he no knowledge of the business proposed to be taken but, until a month later, he has no knowledge of what took place unless he approaches someone who was present.

An Undesirable Practice

Let us be perfectly frank as to the real object of all this dark procedure. Presumably the Council meets on the first Tuesday evening of each month to dispose of legitimate private business. That is entirely understandable from a Press point of view. But what has grown up is a practice of introducing matters outside the published agenda with a view to curtailing discussion and enforcing rush decisions. The president of the Society, equally with the other members of the Council, may be entirely ignorant of the proposed business. We are informed that the grievance of Mr. Hines was the complete suppression of an important statement he made on the Tuesday evening of the March Council meeting on a subject that has been discussed many times since the Armistice. Apparently he intended this as a plain statement of historical facts. We are also informed that an appeal made by him for proper publicity of a speech was met by a suggestion that he should write the matter in the form of a letter to the Press. It must not be forgotten that the speaker is a past-president of the Society who has voluntarily given years of service to pharmaceutical affairs. We cannot understand why the Council tolerate this bureaucratic censorship of their work. What else has happened on these Tuesday evenings about which members of the Society know nothing? We are making it our business to find out, and from what we can gather so far it is a strange story. Is Mr. Hines willing to shed a little light in these dark places? Is any member of Council? Members of the Society who have been compulsorily enrolled may find it advisable to bear this problem in mind during the Council election—and after.

Double Acrostic Solution

1. T H I R D
2. H E P A R
3. EUCALYPTUS
4. B I G
5. R U S H
6. I N T O T O
7. T O L U
8. I R I S
9. S Q U I R E
10. H I R U D I N E S

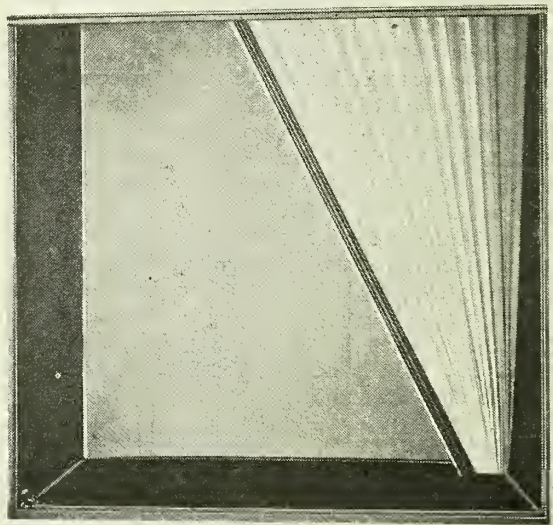
A CONTRAST IN STATISTICS.—The following instructive table of patents granted in three countries during three years occurs in a lecture delivered recently by Dr. Kenneth Lee at the Royal Institution:—

Year	Total patents granted	To United Kingdom residents	To United States residents	To German residents
By UNITED KINGDOM				
1930	20,765	8,944	3,177	4,037
1931	21,949	9,447	3,615	4,188
1932	21,150	8,813	3,369	4,214
By GERMANY				
1930	26,737	977	1,815	19,597
1931	25,846	1,018	1,870	18,723
1932	26,201	959	1,928	18,964
By UNITED STATES				
1930	45,243	1,162	39,158	2,066
1931	51,766	1,255	44,869	2,479
1932	53,473	1,463	46,097	2,751

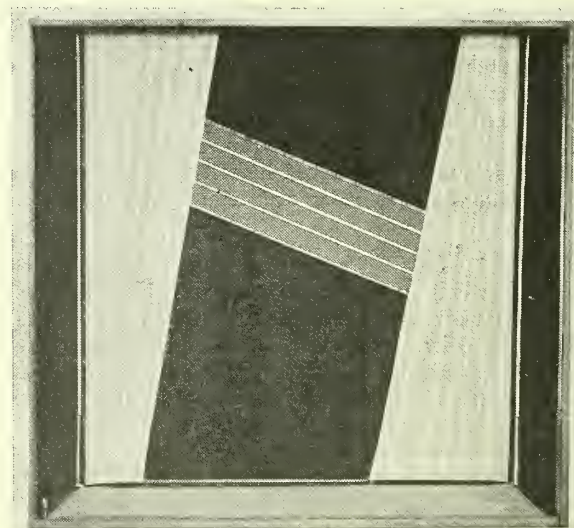
Display Backgrounds

THE following is an extract from a letter received from a subscriber (24/3):—"With reference to your recent and helpful articles on window dressing. We have two windows. . . . I usually drape the sides, back and floor with crêpe paper; but one gets tired of a flat ground with tubes, etc., and conversely one gets stumped for variations—using crêpe paper to keep the cost as low as possible. . . . Can you help me?"

The reply was as follows:—"We are pleased to enclose two background suggestions which may be helpful to you. We suggest that for this type of work you remove



the iron brackets and glass shelves from the windows, and build up the display from the floor of the window. No. 1 background is composed of plain crêpe on the back, sides and floor of the display, whilst draping with 10 in. strips of crêpe forms the decorative scheme. No. 2 display is carried out in plain crêpe for the back, sides and base. The diagonal panel is next affixed, and five tubes



spaced equidistantly across it. On each side of the background pleating completes this layout. . . . We suggest that the uneven type of layout would look better. Should you require any further assistance, we shall be pleased to help you. The crêpe paper used was that of the Dennison-Victor Co., Ltd., of London."

This service, of course, is available to any subscriber.

Council Candidates

NOMINATIONS for the seven seats that become vacant on the Council of the Pharmaceutical Society next month numbered twenty-four when the time for sending in the names expired (*C. & D.*, April 7, p. 398), and it was ascertained that fourteen pharmacists were willing to serve if elected to the Council. This number is considerably less than in 1920, when twenty-two members of the Society contested the election, but it is only two less than the highest number recorded since. We have asked this year's candidates to favour us with their views on pharmaceutical politics, and we propose to publish these as promptly as possible. The first instalment follows.

Mr. Alexander Gustave Clive Paterson,

A.I.C., Ph.C., Wednesfield, Wolverhampton, was apprenticed to the late Mr. John Whitfield, Ph.C., Scarborough, in 1894, and remained with him as



MR. A. G. C. PATERSON, A.I.C., Ph.C.

assistant for a year on the expiration of his term. He won a Bell scholarship in 1900, and passed the Major examination in 1902. Mr. Paterson was Butt research scholar in 1902-03, gaining further experience during this period with Mr. F. Ross Sergeant, Nottingham. For about a year he was at work, under the late Mr. John Humphrey, Ph.C., on certain sections of the "Pharmaceutical Journal Formulary"; then, for the next twelve years, he was research chemist and works manager with

Hopkin & Williams, Ltd., where he was in almost daily contact with the late Mr. Edmund White. From 1917 to 1922 Mr. Paterson was a departmental manager to the British Celanese Co., Ltd., after which he decided to commence on his own account, and acquired a business at Wednesfield. While in London Mr. Paterson took a keen interest in the Chemists' Assistants' Association, serving as secretary and as president, and did a considerable amount of work in the production of the first two editions of the British Pharmaceutical Codex. Since returning to the retail he has taken an active part in all local pharmaceutical work, holding office in the Wolverhampton Association, Branch of the Pharmaceutical Society and N.P.U. Branch. He qualified as A.I.C. in 1920. Mr. Paterson has trained a daughter and a son as chemists, and both have qualified. In reply to our request for a considered statement of his views, Mr. Paterson writes:—

My chief reason for standing as a candidate for the Society's Council election is that the Council for many years has not been representative of the craft as a whole. There is not one member of the Council who is of that section of chemists (at least 75 per cent. of the whole) which consists of single-handed proprietors or managers.

The reason for this is not far to seek. The expense of seeking election, the cost of providing a locum when on the Society's business and the frequent absence from one's own premises with consequent loss of contact with customers, combined, raise an obstacle which few care to contemplate and still fewer can attempt to overcome. Such a sacrifice I am prepared to make, and confidently ask those who are, like myself, single-handed chemists to break away from their present apathy and begin to rule themselves through a Council which really knows, appreciates and shares their outlook. The Pharmacy Act is in being; inspection, according to the law, must come, but interference with the individual managing

his own affairs in his own way must be kept at a minimum.

My record proves that I value education highly; but it is time that a halt was called to let us review the results of the past ten years' sacrifices by the employer and not to add to his burdens before we know that the game is worth the candle. Economy and a minimum of interference with the individual are the objects which I intend to pursue.

Mr. Herbert Antcliffe

is one of the seven councillors who offer themselves for re-election. Mr. Antcliffe's service on the Council

dates from 1921, when he was co-opted to fill a vacancy caused by the death of Mr. J. W. Deakin. A native of

Eckington, Derbyshire, Mr. Antcliffe was educated at Camm's Endowed School and at the Royal Grammar School, Sheffield. He was apprenticed in the old business of Maleham & Sons, and passed the Qualifying examination in 1891. He has had experience in every class of provincial pharmaceutical work. Mr. Antcliffe is a member of the Court of Governors of Sheffield University. He has been connected with the



MR. HERBERT ANTCLIFFE

Sheffield Pharmaceutical and Chemical Society for many years in an official capacity, and is a past-chairman of the local Branch of the Society; and when the British Pharmaceutical Conference met at Sheffield in 1904 he was the local secretary. He is now secretary of the Sheffield Branch of the Retail Pharmacists' Union, secretary of the local Pharmaceutical Committee, and chairman of the Society's War Auxiliary Benevolent Fund. Mr. Antcliffe has occupied a responsible position on the Council of the Pharmaceutical Society as chairman of the Law Committee: during his chairmanship a more thorough inspection of shops in connection with the administration of the Pharmacy Acts was inaugurated. Mr. Antcliffe's convictions are indicated in the following summary:—

The position of the apprentice must be defined, from both the master's and the apprentice's point of view. I would limit the number allowed to each qualified man but would not fix regulations, which would harass the master in carrying out his duties towards apprentices. To my mind the Preliminary Scientific examination is bound up with the apprenticeship question. Ours is the only calling which demands, in many districts, three or four nights a week, until a late hour, preparing for the examination; this is a loss both to the master and the student from the business side. I would not allow the course for this examination to be taken during apprenticeship. The fee for retention on the Register of premises should be as low as possible. I feel that the fee fixed for the unqualified seller of poisons should not be less than the one the qualified person will be called upon to pay to carry on the business for which he has already qualified. I should support the promotion of a new Pharmacy Bill which would give the chemist his proper position, which he so long has been denied, as a unit in the medical service of the country. When the new inspectors commence their duties I shall be in favour of giving them instructions that while carrying out their duties they must advise and not harass the man in business.

Mr. John J. Laws, F.C.S., M.I.C.O.(Hons.),

was apprenticed to the late Mr. H. P. Foster, chemist and dental surgeon, Portsmouth, and was afterwards assistant in the year 1889 and onwards with the late Mr. W. W. Urwick of Belgrave, then a member of the Pharmaceutical Society's Council. Mr. Laws qualified in 1893 as a chemist and druggist, and immediately went into business on his own account. He has been the owner of several retail pharmacies in the Metropolis, culminating in his present business at South Kensington. He was prizeman for the P.A.T.A. scheme, and was the first photographic representative on the P.A.T.A. Council. He now holds the offices of chairman of the British



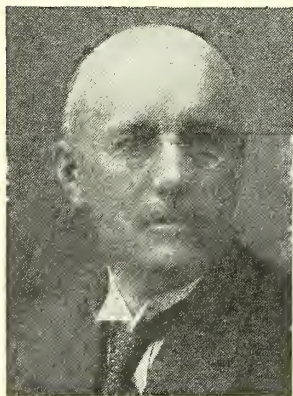
Mr. J. J. LAWS

Pharmaceutical Association, treasurer of the Chemists' Dental Society of Great Britain and Ireland, and honorary general secretary of the Institute of Chemists-Opticians; and he is a member of the Ophthalmic Benefit Joint Committee. Mr. Laws expresses his policy as follows:—

It will be his endeavour, if elected, carefully to watch the administration of the Pharmacy and Poisons Act in the interests of retail chemists and to oppose any unnecessarily high fees and expenditure. The minimum amount of money should be spent on the inspection of chemists' shops, but more devoted to the inspection of stores which are handling poisonous drugs without pharmaceutical knowledge.

Mr. John Wilson Atkinson

served a five-years' apprenticeship to the late Mr. George Coverdale, Ph.C., of York, and qualified in 1899 from Muter's College. After one or two assistantships he purchased the business at Six Ways, Birmingham, which he carried on for nearly thirty years, together with four branch shops added at different times. A few years ago Mr. Atkinson, in conjunction with Alderman Jeffrey Poole, purchased the retail business of T. & W. & W. Southall, 17 Bull Street, Birmingham, which dates back over 100 years, and this he recently sold to Savory & Moore, Ltd. He was president of the Birmingham Pharmaceutical Association for two years, 1921-23, and also chairman of the Birmingham and District Branch of the Pharmaceutical Society and chairman of the Birmingham Branch of the N.P.U. during the same period. He has been chairman of the Birmingham Pharmaceutical Committee for the past four years. Mr. Atkinson has forwarded the following manifesto:—



Mr. J. W. ATKINSON

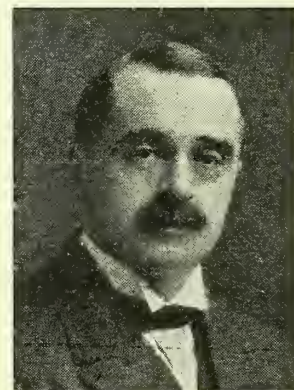
My Claim for Your Vote.—(1) My long practical experience as a retail proprietor pharmacist. (2) Twenty-five years spent on local executive work in pharmacy. (3) Intimate knowledge of the requirements and difficulties of the present-day pharmacist.

The most important event that has happened during my three years' service on the Council has been the passage into law of the Pharmacy and Poisons Bill.

In its original form I opposed it rigorously, and in my last election address I put forward some of the reasons why in my view it should not be accepted. Very considerable modifications were made, many of them important; and the Act which now controls pharmacy in this country differs considerably from the Bill that was first introduced. I am convinced that pharmacy has gained rather than lost from its provisions; and a long view of the possibilities now in sight for the man in retail pharmacy indicates that developments such as the reservation of all dispensing to pharmacists are brought much nearer. This point, the most important that we now have to consider, should be pressed by the Council, if necessary to the exclusion of other matters, especially in view of developments in public medical service and State-aided health schemes which are now visible. For many years I have kept in close touch with the conditions of pharmacy, especially in industrial areas, and realise the difficulties with which pharmacists have been faced; and if I am re-elected I shall do all in my power to further the interests of all engaged in pharmacy.

Mr. Hugh William Wallis

served his apprenticeship to the late Mr. F. J. Gibson, Wolverhampton, who was at that time a member of the Pharmaceutical Society's Council. He qualified in 1903, and then had a period as assistant with Mr. H. H. Marshall, an ex-chairman of the National Pharmaceutical Union Executive. Mr. Wallis was in business for twenty-seven years at Ellesmere Port, Cheshire, and is now proprietor of the Hoole Pharmacy, Chester. He has been chairman of the Cheshire County Pharmaceutical Committee since 1921; chemist representative on the Cheshire Insurance Committee and the South-West Lancashire and Cheshire Pricing Bureau Committee since 1925; chairman of the Chester and of the Cheshire Branches of the N.P.U.; vice-president of the Chester Branch of the Pharmaceutical Society; representative on the N.P.U. Delegates' Conference for the North-West Division 3; member of the Ellesmere Port Urban District Council and chairman of its Industrial Development Committee. Mr. Wallis sends us the following concise statement of his policy:—



Mr. H. W. WALLIS

(1) To help to foster a more vital connection between the Council and the ordinary provincial working pharmacists.

(2) To secure all and every advantage the new Pharmacy Act entitles us to, and to resist to the uttermost every attempt to take from pharmacists their legitimate status and advantages.

(3) To do my best to infuse into official pharmacy more of the spirit of the rank and file.

AN ESTIMATE.—“The panic for a Public Medical Service by the British Medical Association is amazing to me, as I do not believe that any general practitioner whose receipts from his private work are equal to, or more than, the receipts from his insurance practice can possibly desire such a thing. At the present time my experience is, in a practice composed of 95 per cent. insured persons and their dependants, that for actual work done private practice pays three and a half to four times as much as insurance practice—in actual receipts. At present, under the National Health Insurance scheme, we are paid approximately 1s. gross per consultation or visit. If the dependants of insured patients were brought in even that meagre sum would be markedly reduced, probably by about 50 per cent.”—Dr. Ralph Hodgson in “The British Medical Journal Supplement.”

Harrow Discusses Branded Medicaments

A MEETING of the Harrow Branch of the Pharmaceutical Society was held at Harrow on April 5, when the following motion was debated:—"That this meeting deprecates the preparation and advertisement of branded medical specialities and contends that they are inimical to the best interests of pharmacy."

For the Motion

MR. SWITZUR, who was the first speaker, said that branded specialities were not always scientific preparations. There was no law which controlled their manufacture. Some branded specialities were merely a chemical or drug or combination of chemicals or drugs or both, which could be bought under their chemical name or names at charges some 100 to 200 per cent. cheaper. This was not in the interest of the public. Once the name of branded specialities and their use were known to the public, these products were used indiscriminately. Potent substances were sold under fancy names which hid the dangers of their use and avoided the control of a medical practitioner. The pharmacist was trained specially to dispense and compound medicines. If this training was to be utilised by the doctor, then the medical and pharmaceutical professions must co-operate in the prescribing and dispensing of medicines. To write a prescription for a branded speciality was first to neglect the patient, and secondly to bring nearer the end of pharmacy. If the growth of the prescribing of branded specialities continued, more and more firms would enter the market, and dispensing would gradually come to an end. The manufacturer would dominate the situation. The medical practitioner was flooded with literature extolling the virtues of branded specialities, and this was backed up by representatives who supported these articles with carefully framed arguments. The doctor was confused with all this propaganda, and instead of resorting to medicaments which have for ages satisfied the needs of human beings, he was tempted to resort to branded specialities and synthetic drugs. He was experimenting with these preparations, and this was not a matter for the family doctor, but the hospital doctor, where the patient could be kept under close observation. Branded specialities were usually fads of a period; they had their day and faded out, leaving the doctor with new goods and no experience of them. The manufacturer, by making branded specialities, assumed that he could treat a patient whom he had never seen or heard of, but whose symptoms appeared to the doctor to be those for which the preparation was made. No allowance was made for the idiosyncrasy of the patient. If branded specialities were sent to hospitals and after a period of test were imparted to the medical profession through the usual channels, there would be something to say for their use, but at present they were sent out to the public packed with literature describing the ailments they were used for. He saw no necessity for branded specialities.

MR. H. J. WILLIAMS, who followed, pointed out that the title "branded goods" was capable of two definitions. First they can be of the type in which the ingredients and quantities were not wholly disclosed, and secondly of that in which the composition was offered for the consideration and enlightenment of the prospective purchaser. What was meant by "the interests of pharmacy"? From the retail point of view he maintained that the offering of branded goods to the medical profession was not to the welfare of pharmacy, inasmuch as it was against originality in prescribing and offered no scope for the pharmacist to use his knowledge, training and ingenuity in dispensing. The retail pharmacist of the present day was capable of dealing with almost any type of prescription, and could prepare in a satisfactorily elegant form any preparation which medicine might demand. The "balancing of formulas" in branded goods was rarely of primary importance, and any practitioner worthy of the name could devise a prescription of equally efficacious therapeutic effect. If all doctors

prescribed branded goods, the pharmacist would lose all skill and interest in dispensing and would become merely a higher-grade registered seller of poisons. From his experience he was of opinion that a large percentage of branded goods was prescribed without any appreciable knowledge of the contents, and therefore only ordered because the manufacturer, either by his representative or by literature, informed the doctor that the preparation in question was the latest and best for the complaint for which the patient was being treated. There were sufficient formulas in the B.P. and B.P.C. which, together with the simple drugs, should enable the physician to treat his patients satisfactorily for any disease not requiring vaccines, serums or bacterial treatment. The speaker expressly excluded the latter specialities from his criticism of branded goods. There had recently, he continued, been the cry from apprentices that they had little or no opportunity of learning the art of dispensing. If the practice of prescribing branded goods extended, retailers would soon be able to close their dispensaries and deal in patents and toilet goods, and occasionally see a slip of paper with a printed speciality name and directions such as are supplied to dental surgeons. The pharmacist had to purchase an original bottle, often of large size, to fill a script for 1 oz. or so, and was loaded with the balance. Unless the customer was charged with the whole cost, the pharmacist was out of pocket; and the percentage profit on a branded line was not nearly so large as on dispensing in the true sense.

Against the Motion

MR. CONDUIT, opposing the motion, said that proprietary articles were defined by the American Medical Association as "Any chemical, drug or similar preparation used in the treatment of diseases, if such article is protected against free competition as to name, product, composition or process of manufacture by secrecy, patent or copyright, or by any other means." The motion involved the question of what were the best interests of pharmacy, or perhaps of what was pharmacy. He would define pharmacy as the art of supplying medicines in a manner most acceptable to the eye and taste of the patient. As the profession approached the era of biochemical treatment and prophylaxis, so two types of pharmacists evolved, the maker and the vendor. Biochemistry was a very involved and exact science. It must be realised that research, manufacture and standardisation belonged to an immense system of teamwork, and only organisations with large monetary resources could undertake them. Back-shop manufacture must perforce decrease. The shop could not, as a tiny entity, produce such things as insulin, pituitary extract, vaccines, serums, aspirin, phenacetin and all the mighty host of similar things supplied every day. The shop could not challenge machine-made capsules, tablets, pills or plasters in elegance or accuracy of dosage. No one could deny the tremendous debt the medical profession owed to wholesale firms for the invention of products now household words. The speaker quoted from "The British Medical Journal" of February 4 some remarks of Dr. N. Mutch, Lecturer in Pharmacology to London University. The incentive to such research had been by no means altruistic; it was the necessary concomitant to the competitive system. Under a system of private ownership, restricted State research and unbridled competition the manufacturer strove to produce the better and newer article in order to "steal" his rivals' trade. But the manufacturer was not in the least to blame. The speaker therefore suggested that in the present order of things this manufacture of proprietaries is in the main in the best interests of pharmacy.

MR. HUTCHINSON, who also opposed the motion, contended that without such products, the evolution and preparation of which entailed much tedious research and expense on the part of private manufacturers, progress in medicine would be reduced to a snail's pace. Presumably, he said, if these products were all tried out on

a decent-sized scale, there would not be the objection to them by the movers of the resolution. It seemed to have been overlooked that no manufacturer was able to foist a "dud" article on a highly intelligent profession and "get away with it" for long. In the end he was sure to lose his money or that of his shareholders, who were seeking dividends. The manufacturer did not "move in a mysterious way his wonders to perform." He submitted his product either to the Therapeutic Trials Committee or to experts in the profession who were able to assess the value of the claims for the product. When this had been accomplished, and not before, the manufacturer endeavoured to get his product across to the general practitioner either by means of representatives, advertising in the medical journals, or circularising. If, as had been contended, doctors commit all circulars to the waste paper basket, then pharmacy need not fear the future. But it was very clearly established that doctors do read circulars. In his opinion much benefit was to be obtained by the active co-operation of pharmacists with doctors, parti-

cularly in view of the rapid advance in therapeutics, and by this means much unnecessary stocking of broken bulk packages could be avoided; failing this, chemists could to advantage arrange to exchange broken bulk products with their local colleagues. It was contended that by the spread of the use of medical proprietaries the art of dispensing was bound to suffer. To a certain extent this was admittedly true, but present-day facts must be faced. Whereas in the days of old doctors were accustomed to prescribe the ordinary drugs of the Pharmacopoeia, much better results in the treatment of illness were being achieved by newer products which have not yet reached the B.P. or the B.P.C.

The motion was carried by a majority of two.

Council Election

The meeting, on the recommendation of the Committee, passed unanimously a resolution supporting the candidature of Mr. J. F. McNeal, and recommending his candidature to members of the Society. A vote of thanks to the speakers concluded the proceedings.

Association Meetings

Eastbourne.—A meeting of the Eastbourne Pharmacists' Association was held on April 10. The following resolution was unanimously agreed to:—"That in view of the fact that the destamping of proprietaries is only possible with the aid of the chemist's qualification, and that in many cases the remuneration for this privilege is entirely inadequate, this meeting recommends that each individual should order only stamped goods in those cases where the difference does not equal half the destamping value from May 1 onwards."

London (S.W.).—An interesting lantern lecture was given before the Association, on March 9, by Mr. Wilfred Goodaye, manager of the technical department of the Vacuum Oil Co., on *Petroleum and its Products*. The speaker treated the subject from geological, mechanical and chemical standpoints. Of particular interest to the members was the apparatus used for fractional and destructive distillation. Numerous questions were asked.

Manchester.—The annual meeting of the Manchester Pharmaceutical Association was held at the Victoria Hotel on April 5, the president (Mr. E. H. Simmons) in the chair. The secretary (Mr. T. Miller) read the report of the council, and the junior secretary (Mr. R. B. Maskell) read the report of the junior branch. The treasurer (Mr. W. I. Scholes) submitted his annual report and balance sheet. This indicated a comfortable balance in hand. The auditor (Mr. J. W. Bygoth) and the librarian (Mr. J. W. Wood) were thanked for their services and re-elected. Mr. G. V. Tyler was elected to fill the vacancy on the Council caused by the death of the late Mr. Nidd, all the other members being re-elected. After votes of thanks to the president and the other officials Mr. H. Steinman (chairman of the junior branch of the Association) introduced a discussion on *The Need of Young Members in Central Organisation*. Mr. Steinman said that from time to time they had heard the parrot cry that "our young men are shirking their responsibilities, and do not take sufficient interest in affairs, pharmaceutical, both locally and nationally." So far as Manchester was concerned, at any rate, nothing was further from the truth. But the general apathy and lack of interest with which many of the present-day problems of pharmacy were being tackled became apparent. The position certainly called for a complete overhauling of official machinery and the introduction of new ideas and youthful enthusiasm. The first and most vital factor to ensure was that of unity of action. They had been told that before a man should take an interest in pharmaceutical politics he ought to consolidate his own economic position. But by the time a person got there he had lost all inclination to take any part at all, or if he did, robbed of his youthful vigour and energy, his views were confined to the narrow limits of

his own business, and consequently his efforts, while of the best intentions, were not of practical value. No man had the right to represent retail pharmacy who was not actually engaged in the retail craft. They ought therefore to take advantage of the capabilities of young men. He would like to see some scheme in existence whereby those who are chosen as representatives were provided with locums and their expenses paid.

Southport.—Under the auspices of the Southport Pharmacists' Association, recently, Mr. E. H. Simmons visited Southport in order to present prizes to the successful students attending the pharmaceutical classes at the Southport Technical School. The prize-winners were Messrs. John Cropper, Joseph Downs, Harold Evans, Harry Griffiths, Denis Ibbotson and William Watkinson. Another member of the Council who happened to be in Southport, and attended the meeting, was Mr. Thomas Hardy. *Pharmaceutical Progress* was the subject of the address by Mr. Simmons. He spoke of the activities and progress of the Society since obtaining its Charter, and made a comparison showing how the status of the assistant had improved since the war period. Other points dealt with in his address were the value of the P.A.T.A., and the value of the Pharmacological Laboratories to pharmacists engaged in the wholesale and retail sections of the trade. Concerning National Health Insurance, he mentioned the efforts of the Society and the N.P.U. to obtain the contract for pharmacists, against keen competition. He stressed the urgent need for branches of the Society to spare no efforts to obtain contracts for the dispensing of medicines, under the projected scheme of the extended panel system. He pointed out the importance of the pharmacist in carrying out D.D.A. regulations, the vast strides taken by the Society in the study of biochemistry in schools, and the securing of recognition of the value of the advanced study of pharmaceutical chemistry by pharmacists wishing to obtain positions as heads of wholesale departments. Mr. Simmons was accorded a vote of thanks on the proposition of Mr. Gee.

West Ham.—The annual meeting of the West Ham and Eastern District Association of Pharmacists was held on April 5, Mr. Arthur Mortimer in the chair. Various reports were presented. The treasurer presented a statement of accounts for past year. The following were elected to the Committee for the ensuing year:—Messrs. Beardsley, Cobb, Cooper, Gaze, Graham, Gray, Evans, Jones, Main, Maxey, Mortimer, Reed, Thom, Thomson, Whatvin and Wathen. Messrs. Potter and Ward were appointed auditors. At a committee meeting held on April 10 the following officers were elected:—*President*, William Gray; *Vice-Presidents*, Arthur Mortimer and S. A. Evans; *Secretary and Treasurer*, J. Reed.

With the Northerners

As usual, the annual dinner and dance of the North London Pharmaceutical Association was a function brimful of good fellowship, crisp oratory and general enjoyment. It never has been a starchy official affair; and on April 12 the company of nearly 200 at Frascati's let themselves go in the friendliest fashion. The president of the Association and Mrs. Swanston had the support of the president of the Pharmaceutical Society and Mrs. Keall, while other official members present included Councillors A. H. Jenkin, Thomas Marns, C. A. Noble, and, of course, Herbert Skinner; Mrs. Noble, Mrs. Marns and Mrs. Skinner were likewise present, as well as Dr. J. Kirk, Dr. C. H. Hampshire (chairman of the British Pharmaceutical Conference), Mrs. Hampshire, Miss Hampshire, Miss Hodgkinson (president of the National Association of Women Pharmacists), Mr. and Mrs. J. C. Young, Mr. and Mrs. Downing, Mrs. A. Keith, Mr. and Mrs. G. A. Tocher, Mr. and Mrs. William Chalmers, Mr. W. B. Falding and many other well-known people from other Associations. The secretary of the Association—not altogether unknown for his pharmaceutical qualifications—has likewise acquired a reputation for providing efficiently for the gastronomic requirements of the Association's guests. Besides the loyal toast there were only two others—"The Pharmaceutical Society" and "The North London Pharmaceutical Association." In proposing the Society, Mr. C. W. Andrew reminded us that a new era was in front of pharmacists—no longer voluntary but now compulsory members of the Society—and that it was incumbent to look well into the future and to consider carefully what was the best policy in the interests of all. It would be interesting, he said, to observe the effect of the new membership on the voting in the forthcoming Council election, and he hoped for at least a 75 per cent. vote. He was strongly of opinion that there was a big future for women in pharmacy, and he would like to see a colleague to Mrs. Freke on the Council. In his reply, Mr. Keall first paid tribute to the "real and vital force" the North London Association had contributed to pharmacy through their criticisms in the past; and their views, he could assure them, were still served up red-hot by their secretary at the Council table. Incidentally he referred to the splendid work that has been and is still being done by Mr. Skinner in connection with the revision of the Codex. As to the Council election, his plea was for the maintenance of the *status quo ante* until such knotty problems as the registration fee, inspectorships and the selection of those who would serve on the Statutory Committee could be definitely settled. In an attractive and humorous speech Dr. J. Kirk, F.R.C.S.E. (of University College), proposing the North London Association, referred to the interdependence of medicine and pharmacy, and was particularly amusing in some reminiscences of his student days in Edinburgh, where his best friend was a pharmacist whose daily routine was filled with diverting experiences. He urged his hearers never to let other people forget that pharmacy was a profession; the fact that methods of healing were continually expanding and changing accounted in a great measure, he thought, for the closer cohesion now evident between physician and pharmacist. Mr. Swanston having briefly and gracefully acknowledged the toast, the centre of interest was transferred to the ballroom, where during a short interval the sports prizes for the season were presented to the following:—

RIFLE SHOOTING

Team Tournament, 1933—Maw Challenge Shield.—Six silver spoons (Messrs. Maw): A. G. Felton (capt.), G. G. Gibson, A. R. C. Honiatt, H. Stokes, W. E. Swanston, J. V. Walters. Keall Cup—Highest individual aggregate in three qualifying rounds, 1933: A. R. C. Honiatt.

Monthly Practice "Script" spoons.—

J. Deas (1) for January 1933
A. G. Felton (1) for November 1932
G. G. Gibson (1) for March 1933
A. R. C. Honiatt (2) for November 1932
February 1933
H. Stokes (1) for November 1932
J. V. Walters (2) for November 1932
December 1932

BOWLS

Pairs Championship, 1933.—T. Rawlins, J. Downing (skip).

President's Prize.—T. Cushing.

Duncan Flockhart Prize.—J. Reed.

GOLF

Illingworth Cup, 1933.—J. Deas. Replica for 1932.—J. Deas.

"Script" Monthly Spoons.—J. Deas (2) for July and August, G. G. Gibson (1) for June.

"VICTOR LUDORUM" CUP, 1933

J. C. Young.

The musical programme included Jack de Benham's Musical Trio (which played during dinner) and individual items by Miss Elsie Phillips and Mr. Ben Williams.

Pharmaceutical Society of Great Britain

Examination Results

THE following are the results of the examinations held in London during the present month:—

	No.	PRELIMINARY SCIENTIFIC EXAMINATION				CHEMIST AND DRUGGIST QUALIFYING EXAMINATION			
		Absent	Failed	Referred	Passed	Absent	Failed	Referred	Passed
Entered for Prelim. Sc. exam. ...	285	4	146	62	73	—	—	—	—
Referred subject in Prelim. Sc. exam. ...	128	—	—	56	72	—	—	—	—
Entered for C. and D. exam. ...	49	—	—	—	—	2	28	8	11
Referred subject in C. and D. exam. ...	45	—	—	—	—	1	—	17	27
	507	4	146	118	145	3	28	25	38

Candidates have been referred as follows:—Botany, 72; chemistry, 31; physics, 15; pharmacognosy, 3; pharmacy, 7; pharmaceutical chemistry, 15; total, 143.

Candidates have failed as follows:—Botany, 136; chemistry, 140; physics, 104; pharmacognosy, 20; pharmacy, 20; pharmaceutical chemistry, 23; forensic pharmacy, 12.

CHEMIST AND DRUGGIST QUALIFYING EXAMINATION

The following have satisfied the examiners in the Chemist and Druggist Qualifying examination:—

Austin, K., Long Eaton
Buckland, W. J., Cardiff
Canning, Alfred, Stepney
Cantelo, W. E. A., Southampton
Clark, A. R., Holsworthy
Davies, G. E., Aberdare
Davies, T. Ll., Carmarthen
Didsbury, S. R., Bootle
Dight, P. H., Bristol
Eggleshaw, George, Selston
Evans, H. L., Llanelly
Foulds, William, Sheffield
Foulkes, F. J., Whitchurch
Gaches, J. V., Narberth
Green, Kathleen, M., Nottingham
Greensmith, C. C., Soham
Grimley, Jack, Bradford
Hancock, Margaret H., Milford Haven
Holden, F., Great Yarmouth
Jones, A. A., Abercynon
Kletz, L. T., Manchester
Lempert, Harry, Broughton

Lloyd, D., Chadwell Heath
Lowe, Elizabeth L., Crosskeys
Mathias, R. C., Haverfordwest
Maughan, N. C., Manchester
Mayfield, R. S., Mansfield Woodhouse
Mills, W. H., Ramsey
Newing, W. S., Hampstead
Pickford, F. W., Leicester
Pickup, W. F., Blackburn
Pippard, H. A., Cheltenham
Revell, G. H. B., Birchington
Reynolds, Evelyn B., Plaistow
Roberts, Dilys G., Colwyn Bay
Simes, D. A., Southsea
Thompson, Annie, Blackburn
Widgery, J. T., Weston-super-Mare

Corner for Students

Conducted by Leonard Dobbin, Ph.D.

Communications should be addressed "Corner for Students, 'The Chemist and Druggist,' 28 Essex Street, London, W.C.2."

Report on the March Analytical Exercise

THE powder distributed to students on March 13 contained one part by weight of copper arsenite, three parts of copper hydroxycarbonate, and six parts of anhydrous sodium sulphate. The calculated composition of such a mixture is:—

Cu	20.6
Na	19.5
AsO ₃	6.6
CO ₃	8.1
SO ₄	40.5
H	0.1
OH	4.6
<hr/>	
	100.0

Samples of the powder were distributed to twenty-nine students and thirteen reports of analyses were returned. The writers of all these reports detected copper and the sulphuric acid radical, but the radical of arsenious acid was missed in no fewer than six cases and that of carbonic acid in two. One student failed to detect sodium, while five overlooked the not specially abundant evolution of water that occurred when the powder was heated in a dry tube. This water was partly hygroscopic moisture and was partly liberated during the decomposition of the hydroxycarbonate and the arsenite. Radicals reported in error as main constituents included tin, calcium, magnesium, potassium, and ammonium; also those of hydrochloric, phosphoric, sulphurous, and boric acids.

Students who carried out attentively the usual simple preliminary tests were able to recognise with ease practically all the constituents of the powder and, with the information obtained, they could approach the systematic analysis with confidence; but the number of those who actually profited by making a thorough preliminary examination was exceedingly small. Seeing that minute quantities only are required for most of the preliminary tests, and since the same portion of material can, in several instances, be used for more than a single test, the seeming reluctance of students to take advantage of the possibilities that such tests offer is difficult to understand.

The failure of so large a proportion of correspondents to detect arsenic indicates superficial observation at all three of the places where its presence might have been recognised, i.e., in the preliminary testing, in the examination of the hydrogen sulphide precipitate, and in the systematic testing for acidic radicals. In a few cases tests that might have revealed the presence of arsenic were not applied at any of the three stages referred to, so that in these cases failure was certain.

There is a point concerning the application of the molybdate test for arsenate and phosphate that may not have occurred to students and that deserves mention in connection with this analysis. The molybdate solution employed in the test contains much nitric acid, and when it is added to and heated with a solution that contains an arsenite, the latter is oxidised by the nitric acid and then yields the reaction for an arsenate. It is on account of this that, in applying the molybdate test for a phosphate, it should not be done until after the removal, by filtration, of any precipitate that may have been produced by exhaustive precipitation with hydrogen sulphide, since the absence from the filtrate of arsenite and arsenate is then assured. More than one student was misled in the present analysis by obtaining a reaction due to arsenate that had been produced in the manner just referred to, when the intention was to ascertain the presence or absence of a phosphate.

PRIZES

The First Prize for the best analysis has been awarded to:—

J. K. IRVING, c/o Finlayson, 17 Gladstone Terrace, Edinburgh.

The Second Prize has been awarded to:—

V. J. ROSE, 203 Elm Road, Leigh-on-Sea, Essex.

First Prize.—Any scientific book that is published at a price not greatly exceeding fifteen shillings may be taken as a first prize.

Second Prize.—Any scientific book which is sold for about seven shillings and sixpence may be taken as a second prize.

The students to whom prizes are awarded are requested to write at once to the publisher, naming the book or books they select.

MARKS AWARDED FOR ANALYSES

1. Correspondents who have not passed in Chemistry:—

J. K. Irving (1st Prize)	97	Fervidus	83
V. J. Rose (2nd Prize)	94	Mitosis	72
Beattie Brown	93	Fernando	71
Salford	90	E. J. Lax	68
Red-Hot	86	Algae	49
		Tap-Root	37

2. Correspondents who have passed in Chemistry:—

Colvin	89	Salter	85
--------	----	--------	----

TO CORRESPONDENTS

J. K. IRVING.—It was a blemish in an excellent report to describe the powder as insoluble, seeing that 60 per cent. of it dissolved readily in water.

V. J. ROSE.—The absence of stannic and antimonious sulphides from the arsenic-group precipitate should have been definitely established and reported.

BEATTIE BROWN.—You should carefully carry out the turmeric paper test for borate in solutions known to contain it and in solutions known to be free from it, and note particularly points of resemblance and of difference.

RED-HOT.—The original powder was chloride-free. The chloride that you found was most likely introduced as impurity in sodium carbonate. The borax bead and the charcoal block tests should both have given you distinct indications of the presence of copper; but these you do not appear to have observed. Tin was not present.

FERVIDUS.—To test for carbonate when present in small proportion, fit a test tube with cork and delivery tube; introduce the substance to be tested, along with a piece of previously prepared zinc; pour in dilute hydrochloric acid and pass the issuing gas (which is a mixture of hydrogen with carbon dioxide if a carbonate is present) into lime water in a second test tube. The zinc used must be previously immersed for some time in dilute hydrochloric acid to ensure the removal of any film of basic carbonate that might be present on it, and that might lead to an erroneous conclusion.

FERNANDO.—It is not possible to ascertain from your report whether or not you submitted the powder to a systematic and tolerably exhaustive analysis. If you did, your report gave an insufficient account of it. Full details should be given as to how some radicals were proved to be present and others absent.

E. J. LAX.—You appear to have left the possibility of the presence of arsenic group elements altogether unexplored. The hydrogen sulphide precipitate should have been exhaustively examined and not merely tested for the presence of copper. The reduction of the permanganate was due to the arsenite.

ALGAE.—The general remarks may explain to you how the behaviour of the arsenite led you to conclude that a phosphate was present.

THE ANALYTICAL TOURNAMENT

Examination of the aggregate marks obtained by correspondents who have sent in reports on the five analyses to date reveals an interesting position in the contest for the premier places, as the undernoted figures show. The competition is keen, and it is not possible to forecast with confidence what the final result may be. The following five students have obtained aggregates of well over 400 marks:—

Karyokinesis	444	Colvin	424
Beattie Brown	442	Salter	417
Salford	437		

Trade Report

Where possible scales of prices of chemicals are given for bulk down to small quantities. Prices recorded for crude drugs, essential and fixed oils and coal tar products are for fair sized wholesale quantities. Qualities of chemicals, drugs, essential and fixed oils, etc., vary, and selected brands or grades would be at higher values

28 Essex Street, W.C.2, April 19

A STEADY demand is recorded in most markets, with a good deal of the business limited to modest quantities. The general tone is steady, with the gains and losses in values about balancing on the week. The Budget this year has no direct effect on the markets, but the reduction in the rate of income tax should help the gradually improving conditions. In the pharmaceutical chemicals markets there is very little in the way of definite changes to record. Conferences covering some products have been going on, but the decisions arrived at, if any, have not yet been made known. Business in crude drugs has been fairly satisfactory, and some products are dearer. ANTIMONY is very steady. CHAMOMILES are now in better supply on spot. ERGOR is a good market. Norwegian COD-LIVER OIL is firm for shipment. The fishing season is concluding. DAMIANA LEAVES are scarce and at a sharp advance on spot. GENTIAN has been in better demand. The first arrivals of new crop Jamaican HONEY are at full reserve prices. West African GINGER is dearer. Matto Grosso IPECACUANHA is fully steady as quoted. MENTHOL has been quiet except for inquiry for goods in bond. MERCURY tends to harden a little. PEPPERS are dearer and in fair demand. STRAMONIUM LEAVES are in short supply and at high figures on spot. TRAGACANTH is steady, with average sales. WAXES have been rather quieter, but keep very steady. The essential oils markets have been mostly on the quiet side. French Guinea ORANGE is dearer for shipment. LEMONGRASS is again easier forward. PALMAROSA is a poor market. PETITGRAIN is steadier. Japanese PEPPERMINT is quiet. In fixed oils the general tone is steady, with business quiet. Some of the products in the coal-tar section are meeting with more inquiry, including CREOSOTE OIL and PITCH.

Exchange Rates on London

THE following is a list of the chief Continental and other exchange rates at the opening on Thursday morning:—

Centre	Quoted	Par	April 19	Value of the £
Amsterdam ...	Fl. to £	12.107	7.58	12/6
Berlin ...	Mks. to £	20.43	13.03	12/9
Brussels ...	Belgas to £	35	21.97	12/6½
Copenhagen ...	Kr. to £	18.259	22.39½	24/8
Lisbon ...	Esc. to £	110	109½	19/11
Madrid ...	Ptas. to £	25.22½	37½	29/7
Milan ...	Lire to £	92.46	60½	13/-
Montreal ...	Dol. to £	4.86½	5.13	21/1
New York ...	Dol. to £	nominal	5.13½	21/1½
Oslo ...	Kr. to £	18.159	19.90½	21/11
Paris ...	Fr. to £	124.21	77½	12/6
Prague ...	Kr. to £	164.25	123½	14/0
Stockholm ...	Kr. to £	18.159	19.40	21/4½
Warsaw ...	Zloty to £	43.38	27½	12/8½
Zurich ...	Fr. to £	25.2215	15.90	12/7

Bank rate 2 per cent.

Pharmaceutical Chemicals, etc.

QUITE a fair business is being transacted and the general tone is steady. Sodium salicylate and acid salicylic are steadier. Sulphonal and methyl sulphonal are unchanged at the new sterling prices, but there are cheaper spot sellers.

AMIDOPYRIN.—Importers' spot quotations are unchanged; business limited: crystals, five cwt., 18s. 9d.; two cwt., 19s. 1½d.; less than two cwt., 19s. 5½d. per lb., with powder 2½d. per lb. extra.

ASPIRIN.—Market is keeping steady with average business being done: home trade, ten cwt., 2s. 7d.; five cwt., 2s. 8d.; one cwt., 2s. 8½d.; 28 lb., 2s. 9d.; 14 lb., 2s. 10d.; 7 lb., 3s.; 4 lb., 3s. 2d.; 1 lb., 3s. 4d. per lb. Bulk packing, free, net, carriage paid. Contracts: Over twelve months, minimum, one ton; over six months, less than one ton.

ATROPINE.—Prices continue at the advance recorded last week. Pure, 35 oz., 12s. 1d.; 4 oz., 12s. 6d.; 1 oz., 12s. 11d. per oz. Sulphate, 35 oz., 9s. 5d.; 4 oz., 9s. 10d.; 1 oz., 10s. 3d. per oz.

BARBITONE.—Spot business is limited and at keen prices: spot, one cwt., 13s. 1½d.; 56 lb., 13s. 4d.; 14 lb., 13s. 6d.; small parcels, up to 14s. 3d. per lb.

BENZOIC ACID (B.P.).—Market is steady with a fair business passing: quantities, ex works, 1s. 9½d.; spot parcels, 1s. 10d. to 2s. 2d. per lb., ex store, as to quantity.

BISMUTH SALTS.—Makers' prices for these salts continue steady at former figures. Carbonate, cwt. lots, 7s. 8d. per lb.

BROMIDES.—Inquiry is about average with values steady on quotation: ammonium, not less than five cwt., 1s. 9d.; one cwt., 1s. 10d.; 28 lb., 2s. 1d.; smaller quantities, 2s. 5d. per lb.; potassium B.P. crystals and granular, not less than five cwt., 1s. 6d.; one cwt., 1s. 7d.; 28 lb., 1s. 10d.; smaller quantities, 2s. 2d. per lb.; sodium B.P., not less than five cwt., 1s. 8d.; one cwt., 1s. 9d.; 28 lb., 2s.; smaller quantities, 2s. 4d. per lb., without engagement. Special prices for larger quantities.

BUTYL CHLORAL HYDRATE.—Market is steady: spot, 14 lb., 8s.; 7 lb., 8s. 3d.; 1 lb., 8s. 6d. per lb., in 1 lb. bottles.

CAFFEINE.—Dealers' prices for Continental material to come forward, as follows: 250 lb., 6s. 6½d.; 100 lb., 6s. 8½d.; 50 lb., 6s. 11d.; less than 50 lb., 7s. 1d. per lb. Citrate, 250 lb., 5s. 5d.; 100 lb., 5s. 5½d.; 50 lb., 5s. 7d.; less than 50 lb., 5s. 8½d. per lb., net, carriage paid on minimum 50 lb. lots. Packages from 5 lb. and upwards free.

CALCIUM LACTATE.—Quoted prices are about steady; competition keen for bulk quantities: spot, one cwt., 1s. 0½d.; 56 lb., 1s. 1½d.; 28 lb., 1s. 2½d.; smaller quantities, up to 1s. 6d. per lb.

CHLORAL HYDRATE.—Fair inquiry with the market steady at makers' prices: duty-paid crystals, in 14 lb. free containers, five cwt., 3s. 1d.; one cwt., 3s. 2d.; 28 lb., 3s. 3d.; 14 lb., 3s. 4½d. per lb.; 28 lb. jars one penny per lb. extra.

CHLOROFORM.—Market is steady: in drums, 2s. 3d. to 2s. 6d.; winchester, 2s. 3½d. to 2s. 6½d.; in 2 lb. bottles, 2s. 4½d. to 2s. 7½d.; 1 lb. bottles, 2s. 5½d. to 2s. 8½d.; 8 oz., bottles, 2s. 6½d. to 2s. 9½d.; 4 oz. bottles, 2s. 8½d. to 2s. 11d.; for 10 cwt. down to 56 lb. lots, carriage paid on minimum cwt. lots.

CITRIC ACID (B.P. CRYSTALS).—British makers' quotation for home trade is unchanged at 9½d. per lb., less 5 per cent. discount, nominal and without engagement. Dealers are quoting Continental at very keen prices.

COCAINE.—The makers' prices for home trade are very steady; hydrochloride, 25 oz., 25s.; 16 oz., 25s. 10d.; and less than 16 oz., 26s. 8d. per oz.; alkaloid and citrate, 25 oz., 27s. 4d.; 16 oz., 28s. 2d.; less than 16 oz., 29s. per oz.; 1 oz. tins 2½d. per oz. extra. Export prices vary as to destination.

CREAM OF TARTAR.—The home market continues steady at makers' quoted figure of 82s. per cwt., less 2½ per cent. discount, nominal and without engagement. Dealers' prices are about competitive.

CREOSOTE (B.P.).—Spot supplies available in 25-kilo. demi-johns at about 1s. 9d. to 1s. 10d. per lb.; small parcels, up to 2s. 2d. per lb.

CREOSOTE CARBONATE.—Dealers are quoting from about 8s. 6d. for fair quantities up to 10s. for 1-lb. bottles.

GUAIACOL CARBONATE.—Business is of small account. Spot, two cwt., 9s. 8d.; one cwt., 9s. 10d.; 28 lb., 10s.; smaller parcels, up to 10s. 4d. per lb.

HEXAMINE.—Free running crystals are being quoted as follows: five cwt., 1s. 8d.; two cwt., 1s. 8½d.; one cwt., 1s. 9d.; 14 lb., 1s. 11d. per lb.; smaller parcels, up to 2s. per lb. Imported material at competitive prices.

IODIDES.—Makers' scales of prices for these salts are about maintained on quotation.

LACTIC ACID (B.P.).—With a limited business passing the market is about steady: quantities in carboys, 1s. 4½d. to 1s. 5d.; in winchesters and bottles, 1s. 6d. to 1s. 10d. per lb., as to quantity.

MERCURIALS.—Prices for these salts are very steady at makers' former figures.

METHYL SALICYLATE (B.P.).—Market continues steady at the Convention prices: ten cwt., 1s. 5d.; five cwt., 1s. 5½d.;

one cwt., 1s. 6d.; less than one cwt., 1s. 7d.; small quantities in bottles, up to 2s. per lb.

HYDROQUINONE.—The scales of prices for one delivery and for contracts are as follows:—

	12 Months' Contracts		In one delivery	
	Ex Wharf	Carriage Paid in U.K.	Ex Wharf	Carriage Paid in U.K.
10 cwt. ...	s. d. 4 3 ³ / ₄	s. d. 4 4	s. d. —	s. d. —
5 cwt. ...	4 5 ³ / ₄	4 6	4 4 ¹ / ₂	4 5
2 cwt. ...	4 7 ¹ / ₂	4 7 ¹ / ₂	4 5 ¹ / ₂	4 6
1 cwt. ...	4 8 ¹ / ₂	4 9	4 6 ¹ / ₂	4 7
56 lb. ...	—	—	4 8 ¹ / ₂	4 9
28 lb. ...	—	—	4 10 ¹ / ₂	4 10 ¹ / ₂
14 lb. ...	—	—	5 0 ¹ / ₂	5 1 ¹ / ₂
7 lb. ...	—	—	5 3 ¹ / ₂	5 4 ¹ / ₂
Less than 7 lb. ...	—	—	5 9 ¹ / ₂	5 10 ¹ / ₂

Packed in one-cwt. cases and 7-lb. paper parcels and tins free.

METHYL SULPHONAL.—The new scale of sterling prices reported last week is unchanged. Some spot offers are at cheaper prices: two cwt., 19s. 11d.; one cwt., 20s. 8d.; 56 lb., 21s. 4¹/₂d.; small parcels, 22s. per lb.

PHENACETIN.—Quite a fair business is reported and prices are now generally well up to quoted rates: crystals or powder, five cwt., 3s. 7¹/₂d.; two cwt., 3s. 9d.; 56 lb., 3s. 10¹/₂d.; smaller parcels, up to 4s. 3d. per lb.

PHENAZONE.—Spot business is limited and some price-cutting is noted: crystals, five cwt., 10s. 6d.; two cwt., 10s. 8d.; and less, up to 11s. 6d. per lb., with powder 2¹/₂d. per lb. extra.

PHENOLPHTHALEIN.—Makers' prices are about steady, business fair: two cwt., 2s. 9d.; one cwt., 2s. 10d.; 28 lb., 3s.; 14 lb., 3s. 1d.; 7 lb., 3s. 2d.; smaller parcels, up to 3s. 6d. per lb.

PHENYL ETHYL BARBITURIC.—Not much inquiry with dealers quoting from 29s. to 30s. per lb. in 2-lb. bottles, as to quantity.

POTASSIUM SULPHOGUAIACOLATE.—Business is negligible. Spot quoted from 6s. 3d. to 6s. 6d. per lb., as to quantity.

QUININE SALTS.—Sulphate, 2s.; bisulphate, 2s.; ethyl carbonate, 2s. 7¹/₂d.; salicylate, 2s. 8d.; phosphate, 3s. 1d.; hydrochloride, 2s. 6¹/₂d.; bihydrochloride, 2s. 9¹/₂d.; hydrobromide, 2s. 6¹/₂d.; bihydrobromide, 2s. 9¹/₂d.; valerianate, 3s. 5¹/₂d.; hypophosphite, 3s. 8¹/₂d.; alkaloid, 2s. 9¹/₂d. per oz., carriage paid on bulk quantities.

RESORCIN.—Market remains dull: crystals, one cwt., 4s. 11d.; 56 lb., 5s.; 28 lb., 5s. 1d.; 14 lb., 5s. 3d.; 7 lb., 5s. 6d.; less than 7 lb., 6s. per lb. Foreign, 5s. 6d. per lb. for small parcels.

SALICYLIC ACID (B.P.).—Competition is noted but the market is fairly steady: five cwt., 1s. 7d.; one cwt., 1s. 7¹/₂d.; 28 lb., 1s. 8d.; 14 lb., 1s. 9d.; 7 lb., 1s. 11d.; 4 lb., 2s. 1d. per lb. Higher prices for smaller quantities.

SALOL.—Quoted at cheap prices with little interest shown: spot, crystals, two cwt., 3s. 10d.; one cwt., 3s. 11¹/₂d.; 56 lb., 4s.; smaller parcels, 4s. 3d. per lb.; powder 2d. per lb. extra.

SANTONIN.—Occasional small inquiries with spot holders asking about £17 10s. per kilo. and more for small lots.

SODIUM BENZOATE (B.P.).—A fair business but competition is keen: cwt. lots, 1s. 7d.; smaller parcels, up to 2s. per lb.

SODIUM DIETHYLBARBITURATE.—A fair business, market steady: spot, one cwt., 13s.; 56 lb., 13s. 3d.; 28 lb., 13s. 6d.; 14 lb., 13s. 9d.; 7 lb., 14s.; smaller parcels, up to 15s. per lb.

STRYCHNINE SALTS.—Makers' prices are as follows:—

	Under 16 ozs.		16 ozs.	35 ozs.
	Per oz. s. d.	Per oz. s. d.	Per oz. s. d.	Per oz. s. d.
Pure cryst. ...	2 7	2 5 ¹ / ₂	2 5	2 5
Pure precip. ...	2 6	2 4 ¹ / ₂	2 4	2 4
Arseniate ...	2 7	2 5 ¹ / ₂	2 5	2 5
Bisulphate ...	2 1	1 11 ¹ / ₂	1 11	1 11
Hydrochloride ...	2 4	2 2 ¹ / ₂	2 2	2 2
Hypophosphite ...	4 8	4 6 ¹ / ₂	4 6	4 6
Nitrate ...	2 2	2 0 ¹ / ₂	2 0	2 0
Phosphate ...	3 0	2 10 ¹ / ₂	2 10	2 10
Sulphate ...	2 3	2 1 ¹ / ₂	2 1	2 1

25-oz. tins free. Lower prices for contracts, with rise and fall clause.

SODIUM SALICYLATE (B.P.).—Quoted prices are fairly steady and inquiry is up to average: home trade, powder or crystals, one ton, 1s. 8d.; five cwt., 1s. 8¹/₂d.; one cwt., 1s. 9d.; 28 lb., 2s.; 14 lb., 2s. 2d.; 7 lb., 2s. 3d.; 1 lb., 2s. 6d. per lb.

SULPHONAL.—The new sterling scale of prices reported last week continues from the Continent. Spot offers at cheaper prices: crystals, two cwt., 16s. 0¹/₂d.; one cwt., 16s. 9d.; 56 lb., 17s. 1¹/₂d.; smaller parcels, up to 17s. 10d. per lb., with powder 2d. per lb., extra.

TARTARIC ACID (B.P. CRYSTALS).—The home trade price quoted by British makers is 1s. 0¹/₂d. per lb., less 5 per cent. discount, nominal and without engagement. Dealers are quoting at about the same level.

THEOBROMINE.—Continental material to come forward is steady at the former prices: pure, 250 lb., 6s. 6¹/₂d.; 100 lb., 6s. 8¹/₂d.; 50 lb., 6s. 11d.; less than 50 lb., 7s. 1d. per lb. Sodium salicylate, 250 lb., 6s. 4¹/₂d.; 100 lb., 6s. 5¹/₂d.; 50 lb., 6s. 6¹/₂d.; less than 50 lb., 6s. 7¹/₂d. per lb., net, carriage paid on minimum 50 lb. lots. Packages from 5 lb. upwards free.

THYMOL.—A small inquiry with the market about steady: synthetic, fine white, one cwt., 4s. 10d.; 56 lb., 5s.; 28 lb., 5s. 1d.; 14 lb., 5s. 4d. per lb.; ex ajowan seed, one cwt., 7s. 3d.; 56 lb., 7s. 4¹/₂d.; 28 lb., 7s. 6d.; 14 lb., 7s. 9d. per lb.

VANILLIN.—A steady inquiry with prices keeping up to recent levels; ex guaiacol or clove oil, ten cwt., 14s. 6d.; five cwt., 14s. 9d.; three cwt., 15s.; one cwt., 15s. 3d.; 56 lb., 15s. 6d.; 28 lb., 15s. 9d.; 14 lb., 16s.; less, 16s. 3d. per lb.

Crude Drugs, etc.

AGAR.—Market is rather quiet, but very steady for shipment; spot, Kobe No. 1, 1s. 11d.; No. 2, 1s. 9d.; Yokohama No. 1, 1s. 9d. per lb.; shipment, Kobe No. 1, 1s. 8d.; No. 2, 1s. 6¹/₂d.; Yokohama No. 1, 1s. 5¹/₂d. per lb., c.i.f.

ANTIMONY.—Business has been better, and the market is very steady. Chinese, crude, spot, £21; shipment, £18 10s., c.i.f. Chinese, oxide, spot, £28 10s.; shipment, £25 10s., c.i.f.

BELLADONNA.—Dealers' price for leaves continues in the region of 70s. per cwt., duty paid.

BUCHU.—Some business on spot in last season's leaves is reported. Shipment of new crop is quoted at about 8¹/₂d. to 8³/₄d. per lb. for green rounds, with a premium asked for finest bold.

CAMPHOR.—Business has been of small account, quoted unchanged: spot, slabs, 2s. 1d.; flowers, 2s. 1¹/₂d.; tablets, 2s. 5d. per lb.; shipment, slabs, 1s. 9¹/₂d.; flowers, 1s. 9¹/₂d.; tablets, 2s. 1d. per lb., c.i.f. English refined is quoted unchanged: flowers, one cwt., 3s. 1d.; 28 lb., 3s. 2d.; small lots, 3s. 3d. per lb. Transparent tablets, 4 oz., 8 oz. and 16 oz., 3s. 4d.; 1 oz. and 2 oz., 3s. 5d.; ¹/₂ oz., ¹/₄ oz. and ¹/₈ oz., 3s. 6d. per lb.; special prices for contracts for quantities.

CASCARA SAGRADA.—Some limited inquiry, with 1933 peel in small lots on spot at about 36s. 3d. per cwt.

CELERY SEEDS.—Dealers are quoting small spot parcels at about 2s. 1d. per lb., and less for bulk lots.

CHAMOMILES.—A fair business is passing and prices tend to cheapen a little. Spot, good white, 27s.; fair white, 267s. 6d.; brownish, 135s. per cwt.

CLOVES.—Business has been rather quiet, market steady. Zanzibar, spot, 5¹/₂d.; shipment, April-May, 4¹/₂d. per lb., c.i.f.

The landings of Zanzibar in London during the week ended April 14 were 113 and the deliveries 128, leaving a stock of 4,255. From January 1 to date, landings of Zanzibar have been 2,712 and the deliveries 979. Landings of Madagascar for the week ended April 14 were 20, and the deliveries 20, leaving a stock of 814. From January 1 to date landings of Madagascar have been 120 and the deliveries 283 packages.

COCOA BUTTER.—Prime English continues steady as quoted, from 9¹/₂d. to 10d. per lb., as to quantity.

COCONUT (DESICCATED).—Values are keeping steady on a rather slow market. Spot, fine, 13s. 9d.; medium, 13s. 9d.; shipment, halves, April-May, 13s. 3d. per cwt., c.i.f.

COD-LIVER OIL.—Bergen reports a period of stormy weather, with the fishing season practically finished. Fishing results to April 16: Cod, 106,300 tons; oil, 68,999 hectol.; compared with cod, 105,700 tons, and oil, 64,898 hectol. at the same time last year, and cod, 132,500 tons, and oil, 81,644 hectol. in 1932. The shipment market is fully steady, with finest Lofoten steam refined non-freezing medicinal oil at 94s. per barrel, c.i.f. Spot, in small lots, 137s. per barrel, ex store, duty paid. Newfoundland, finest, non-freezing medicinal oil, 132s. 6d. per barrel, ex store. British oil, non-freezing, finest medicinal, steady at 120s. per barrel, c.i.f., London, duty free.

COLCHICUM.—Some supplies of root on spot are available at about 45s. per cwt.

DAMIANA LEAVES.—A good deal of the limited spot stocks have been cleared and prices are now dearer, in the region

of 2s., and even higher prices have been indicated. Shipment is fully 1s. 7½d. per lb., c.i.f.

EGROT.—This is a good market, with a steady demand at full prices. Spot, Spanish, 1s. 8d. and upwards. Portuguese, about 1s. 7½d. per lb., in limited quantities.

GELATIN.—Dealers are doing a fair business, market steady; German, gold leaf, 2s. 4d.; silver leaf, 2s. 2d.; bronze leaf, 1s. 10d.; plain leaf, 1s. 8½d. per lb. French, gold leaf, 1s. 10d.; silver leaf, 1s. 8d.; bronze leaf, 1s. 6½d. per lb., in cwt. cases.

GENTIAN.—There has been a better inquiry, and French root is now fully steady at 47s. 6d. per cwt.

GINGER.—The market has been doing fair business and is steady at the higher prices quoted. West African, spot, 22s. 6d.; for arrival, sellers, 21s. per cwt., c.i.f.

GUM ACACIA.—A moderate inquiry, with the shipment market rather steadier; spot, Kordofan cleaned sorts, 33s. 3d.; bleached, 67s. 6d. to 72s. 6d. per cwt.; shipment, Kordofan cleaned sorts, 31s. per cwt., c.i.f.

HENBANE.—Dealers are quoting at about 70s. per cwt. for spot supplies.

HENNA.—Supplies of Indian leaves are quoted at 42s. 6d., and Egyptian at about 50s. per cwt., duty paid.

HONEY.—Spot business in last season's goods is slow, with prices for Jamaican generally unchanged. The first lot of new crop Jamaican has arrived with a reserve at rather a high level mentioned.

HYDRASTIS.—A limited business, market about steady. Spot, 4s. 10d.; shipment, 4s. 2d. per lb., c.i.f.

IFECACUANHA.—Matto Grosso on spot appears to be quite steady and of some interest, with small lots at 4s. 6d. per lb.

LIQUORICE ROOT.—A better inquiry and more business moving; quoted at about £13 10s. per ton, for natural root.

LOBELIA HERB.—Dealers are quoting spot supplies at about 1s. 11d. per lb.

MENTHOL.—Some inquiry for goods in bond, for which about 8s. 6d. per lb. is asked. K/S brands, spot, 9s. 3d., and slightly less for bulk quantities; shipment, April-June, 8s. 7½d.; July-August, 8s. 9d. per lb., c.i.f., from re-sellers. Japanese shippers are quoting 9s. 2d. to 9s. 3d., c.i.f.

MERCURY.—A very fair business is reported in Spanish-Italian for shipment, and the market is fully steady and may possibly advance a little. Shipment, 53 dollars, f.o.b. Continent. Spot, £10 10s. to £10 12s. 6d. per bottle, ex store.

OPIUM.—Except for second-hand offers, which may be slightly under the control values, the market is very steady. Shipment, 1s. 5½d., c.i.f.; spot, 1s. 7½d. per unit, landed and duty paid.

PEPPER.—The market has been doing more business, closing firm at the advance. Lampong, spot, 5½d.; shipment, March-May, 4½d.; May-July, 4½d.; August-October, 4½d. per lb., c.i.f. Tellicherry, spot, 5½d.; shipment, May-June, 46s. 6d., c.i.f. Aleppy, spot, 5½d.; shipment, May-June, 45s. 6d., c.i.f. White Muntok, spot, 8½d.; shipment, March-May, 7½d.; May-July, 7½d.; August-October, 7½d., c.i.f. For delivery, May, 8½d.; July, 9d. per lb.

PIMENTO.—Market is steady, but rather dull. Spot, 3d.; shipment, April-May, 25s. per cwt., c.i.f.

QUASSIA CHIPS.—Dealers are quoting spot parcels at about 20s. per cwt.

RUBBER.—Values are fractionally dearer on the week, business quite good, closing firm. Standard ribbed smoked sheet, spot, 5½d.; April, 5½d.; May, 5½d.; June, 5½d.; July-September, 5½d.; October-December, 5½d.; January-March, 6½d. per lb.

SAFFRON.—Some occasional spot business, market steady; spot, prime B.P., 56s. 6d.; extra B.P., 55s.; super B.P., 52s. per lb., and slightly less for bulk quantities.

SARSAPARILLA.—About average spot business, market steady; spot, native mixed colours, 1s. to 1s. 1d.; grey Jamaican, 1s. 7½d. to 1s. 9d. per lb., as to quantity.

SEEDS.—**ANISE.**—Spot, Spanish, 65s.; Bulgarian, 42s. per cwt. **CANARY.**—Magazan sold at 17s. 9d., spot; Turkish, 11s. 6d. **CARAWAY.**—Dutch quiet, 42s. 6d., duty paid, quoted; no business passing. **CORIANDER.**—Morocco, spot, 20s., duty paid; business reported, 19s., in bond. New crop expected for June-July shipment. **CUMIN.**—Malta, spot, offering at 65s. A parcel of Morocco now afloat quoted at 62s. 6d., landed terms. **FENUGREEK.**—Morocco, 13s., duty paid; shipment quoted at 11s. 3d., c.i.f. **MUSTARD.**—English, 18s. 6d. to 20s. 6d. per cwt., according to quality.

SENEGA.—A limited number of bales have been disposed of this week. Spot, 1s. 4d.; shipment, 1s. 3d. per lb., c.i.f.

SENNA.—There has been a steady inquiry this week for both home and export. The prices of good green Tinnevely

leaves are maintained at rates quoted last week. A fair demand for extra bold leaves has also been received, but supplies are now limited, with a few bales in second hands, for which holders are asking from 9d. per lb.

SHELLAC.—Market has recovered sharply and is firm. Spot, standard T/N orange, 85s. to 90s.; fine orange, May, 88s. 6d.; August, 91s. 6d. per cwt. For arrival, TN, April-May, 79s. per cwt., c.i.f.

SQUILL.—Some good white on spot is offering at about 32s. 6d. per cwt. for small lots.

STRAMONIUM LEAVES.—Supplies on spot continue scarce and dear at 80s. to 85s. per cwt.

TRAGACANTH.—A fair interest is being shown in the white qualities with prices steady at £18 to £25 per cwt., ex store. There has been a little better inquiry for the manufacturing grades, for which 60s. to 90s. per cwt. are being asked. Sales generally have been well up to average during the week.

VALERIAN ROOT.—Some Belgian root is available on spot at about 55s. per cwt.

WAX (VARIOUS).—The market handling CARNAUBA has been quieter, but values are steady. Fatty grey, spot, 107s. 6d.; in bond, 96s.; shipment, April-May, 93s. 6d.; May-July, 94s. per cwt., c.i.f. Primeira, spot, 165s.; in bond, 147s. 6d.; shipment, 146s. per cwt., c.i.f. **BEES'** Spot markets very steady and supplies limited. Abyssinian, spot, 97s. 6d.; East African, spot, 97s. 6d.; Dar-es-Salaam, spot, nominal at 100s.; shipment, 95s., c.i.f. Benguella, spot, nominal with practically nothing offering; shipment, April-May, 86s., c.i.f. Conakry, spot is nominal on a bare market; shipment, 87s. 6d. per cwt., c.i.f.

Essential Oils, etc.

The shipment price for French Guinea Orange continues to advance, but there is very little business doing at the dearer rates. Lemongrass is again slightly cheaper forward. Palmarosa shows a decline and is dull. Brazilian Bois de Rose is a point better. Petitgrain is steadier. Business generally has been about up to recent average.

ANISE (STAR).—The shipment is quite steady; spot business small: spot, "Red Ship," in leads, 1s. 10½d.; in tins, 1s. 8½d.; in drums, 1s. 7½d.; shipment, in leads, 1s. 8½d.; in tins, 1s. 7d.; in drums, 1s. 6½d. per lb., c.i.f.

APRICOT KERNEL.—British-made in cwt, lots, at 1s. 4d.; smaller parcels, up to 1s. 6d. per lb.

BAY.—Dealers are quoting from about 5s. 6d. to 6s. per lb., as to phenol content.

BERGAMOT.—Only small inquiry for shipment, with offers from 5s. 6d. and up to 5s. 9d., c.i.f. Spot is quoted from 5s. 9d. to 6s. per lb., as to quality and quantity.

BOIS DE ROSE.—Although quiet the shipment market for Brazilian is rather better at 4s. 6d., c.i.f. Spot oil would be at about 5s. per lb. for genuine oil.

CANANGA.—Some few small inquiries. Spot quoted at about 7s. 6d. per lb.

CASSIA.—Spot is fully steady at 3s. 11d. per lb., with not much good oil about. Shipment is quoted at 3s. 2½d. per lb., c.i.f. Some business being done.

CEDARWOOD.—A moderate business is reported, with sales prices for quantities keen. American, spot, 1s. 5d.; shipment, 1s. 2½d. per lb., c.i.f. African oil is available at competitive prices.

CINNAMON LEAF.—Dealers are doing a limited business, with values about 2s. 10½d. to 3s. per lb., as to quantity.

CITRONELLA.—There is still but unimportant business to report. Java for shipment is quoted round about 1s. 4½d., c.i.f., and less for bulk quantities. Ceylon is offering at about 1s. 2d. per lb., c.i.f.

CLOVE.—Dealers report limited business, with Madagascar on spot at 3s. 4d. to 3s. 5d.; shipment, 2s. 3½d., c.i.f. British-made, B.P., 3s. 8d. to 3s. 10d., and some sellers at less.

GERANIUM.—Shippers are offering Bourbon at about 21s. 3d. per lb., c.i.f. Spot oil varies as to quality, with the best at 23s. and some offers down to 19s. per lb. Algerian is firm for shipment at 24s., c.i.f.

GINGERGRASS.—Market is dull. Spot, 4s. 6d. to 4s. 8d.; shipment, about 4s. per lb., c.i.f.

LA VENDER.—The best French 38 to 40 per cent. on spot is held at 14s. 6d. per lb., with other offers at considerably lower prices. Market remains quiet.

LEMON.—Some occasional inquiry for Sicilian hand-pressed, with shippers quoting 3s. 1d. to 3s. 3d., c.i.f. Spot oil is in the region of 3s. 6d. to 3s. 8d. per lb., as to quantity. Californian is steady on spot; in large drums, 48 cents; in small drums, 49 cents per lb.

LEMONGRASS.—Market is dull and shows a further decline in value. Shipment, prompt, about 3s. 6d. to 3s. 7d. and slightly cheaper for distant positions. Spot is dull at about 3s. 10d. per lb.

LIME.—West Indian distilled on spot in small lots is quoted at about 27s. to 28s. per lb. Market quiet.

MANDARIN.—Dealers are offering good oil at about 13s. to 14s. per lb., as to quantity, spot.

NUTMEG.—English-made oil is steady at 5s. 4d. to 5s. 6d. per lb. American, about 5s. 6d. per lb.

ORANGE.—The recent advances in French Guinea oil have put an end to shipment business, but prices are firmly held at the further advance to 2s. 11d., c.i.f. Some spot holders are selling at a comparatively lower level. Sicilian sweet is dull, with shipment about 5s. 2d., c.i.f., and spot oil about 5s. 6d. per lb. Californian, spot, one case, 61 cents; two or more cases, 56 cents per lb., with small business passing.

ORRIS.—British makers' price for concrete ranges from 15s. to 19s. 6d. per oz., as to quantity.

PALMAROSA.—This market is dull and rather easy as quoted. Spot, 5s. 9d.; shipment, 5s. 2d. per lb., c.i.f.

PATCHOULI.—Dealers are quoting spot oil at 6s. to 6s. 2d. per lb., as to quantity. Shipment, about 5s. 7½d. per lb., c.i.f.

PEPPERMINT.—There has been a very fair inquiry for Japanese afloat, for which 3s. 1d. is asked. Spot is dull at about 3s. 2d.; shipment, re-sellers, April-June, 3s. 2d.; July-August, 3s. 3d. per lb., c.i.f. Japanese shippers quoting 3s. 4½d. per lb., c.i.f. The American natural oil is fully steady at 2 dollars 50 cents per lb., c.i.f., in drums, and bids at less have been refused for good brands.

PETITGRAIN.—Some limited inquiry, with prices showing a slight recovery. Spot, 4s.; shipment, about 3s. 4½d. per lb., c.i.f.

PINE.—Siberian 35 per cent. minimum bornyl acetate, 3s.; 30 per cent., 2s. 8d. per lb., spot.

ROSEMARY.—A fair inquiry, with Spanish of the finest quality in the region of 1s. 8d., c.i.f., and second grade oil at about 1s. 4½d. per lb., c.i.f.

SEAPMINT.—A little better inquiry, with values holding. Spot, 6s. to 6s. 1½d.; shipment, 5s. 4d. per lb., c.i.f.

SPIKE.—The shipment market for genuine finest Spanish is firm, with the price 5s. per lb., landed. Spot sellers' prices tend to move closer to this figure.

WINTERGREEN.—Dealers' spot prices are holding at 6s. 3d. per lb. for small lots.

WORMSEED.—Market is dull and rather easier, spot about 8s. 10d. to 9s.; shipment, about 7s. 8d. per lb., c.i.f.

Fixed Oils, etc.

BUSINESS in most of these products is rather limited in volume, but the general tone is steady at current low prices. Linseed oil is very steady. Palm oils meet with a normal demand. **ACID OILS.**—Market is dull but steady at current low figures: coconut and/or palm kernel, 16s. 3d.; groundnut, 16s. 3d.; soya, 14s. 6d., spot. **CASTOR.**—Prices are being maintained, market quiet: pharmaceutical, 37s.; first pressings, 32s.; second pressings, 29s. (barrels); cases, £4 per ton extra, ex mills, Hull, in not less than one-ton lots; Bombay, 22s. 6d. (drums), c.i.f. **COCONUT.**—Market has been rather dull, closing steady: deodorised, 23s. 6d. (barrels), spot; Ceylon, 12s. 6d. (drums), c.i.f. **COTTON.**—Market is fully steady as quoted, business fair: deodorised, 19s. 1½d.; common edible, 17s. 6d.; soapmaking, 16s. 6d.; crude, 14s. 7½d. (barrels), spot. **GROUNDNUT.**—A limited business with values keeping steady: deodorised, 24s. (barrels), spot; crude Oriental, 18s. 6d. (drums), c.i.f. **LINSEED (RAW, NAKED).**—As quoted the market is steady with fair business passing: on spot, 19s. 6d.; May, 18s. 1½d.; May-August, 18s. 6d.; September-December, 19s.; January-April, 19s. 3d. Boiled oil, spot, 22s. **OLIVE.**—Business is fair with the market steady: edible, in tins in cases, 72s. 6d. per case of ten gallons; B.P., 5s. per gallon, in 40-gallon barrels. **PALM.**—Business is about average and the market is fairly steady: Lagos, 12s. 9d., shipment; softs, 12s. 1½d., shipment; mediums, 13s. 3d., shipment; hards, 13s. 9d., shipment; bleached, 16s. 1½d., spot. **PALM KERNEL.**—Market has been dull; steady at the slight decline: deodorised, 22s. 3d.; crude, 16s., spot. **RESIN.**—Market is quoted dearer and is fully steady: B, 14s. 9d.; D, 15s.; F/G, 15s. 9d.; N, 16s. 3d.; W/G, 16s. 6d.; W/W, 16s. 9d. per cwt., ex wharf. **SOYA.**—Market is steady at the lower prices now quoted: deodorised, 22s. 6d.; crude, 17s. 3d., spot. **TURPENTINE, AMERICAN.**—Market has been rather slow but is fairly steady: total London stocks, 12,719 barrels; on spot, 51s.

Commercial Notes

JAPANESE EXPORT CHEMICAL TRADE.—The value of "medicines and medical materials" exported from Japan during 1933 amounted to 48,203,672 yen, compared with 29,790,831 yen in 1932, an increase of 44 per cent. Some of the chief items were:—Acetic acid, 425,000 yen, an increase of 84 per cent. on the 1932 figures; dried plants for insecticides, 1933, 6,349,939 yen; 1932, 4,752,298 yen; camphor, 1933, 4,445,108 yen; 1932, 3,541,042 yen. Menthol, crystal, 1933, 5,283,983 yen; 1932, 3,689,621 yen; Iodine, 1933, 442,144 yen; 1932, 603,676 yen. Potassium iodide, 1933, 678,610 yen; 1932, 844,000 yen. Tooth powder and pastes, 1933, 502,511 yen; 1932, 300,375 yen. Prepared medicines, 1933, 1,272,998 yen; 1932, 746,355 yen.

AUSTRALIAN PEPPERMINT OIL IMPORTS.—The values of arrivals for the years indicated were as follows:—

Countries of Shipment	1927-28	1928-29	1929-30	1930-31	1931-32
United Kingdom	£ 1,927	£ 375	£ 2,960	£ 378	£ 816
Germany	71	118	—	—	—
Japan	1,321	1,125	732	131	669
Netherlands	1,015	685	—	—	—
United States	26,400	10,375	17,896	7,024	7,043
Other countries	71	47	294	302	261
	30,805	12,725	21,882	7,835	8,789

DERRIS ROOT EXPORTS.—Shipments from Singapore and the Netherlands India during 1930 to 1933 were as follows, in metric tons:—

Year	Malaya (net)			Netherlands India (gross)		
	Grown in Malaya	Obtained from British Borneo	Total	Sumatra East Coast	Western Borneo	Total
1930	56½	34½	91	3	3	6
1931	75	25	100	8½	4	12½
1932	168	—	168	2	1½	3½
1933	—	—	313½*	—	16·8†	16·8†

* To August.

† To September.

LONDON STOCKS OF DRUGS, ETC.—Stocks at March 31:

Article	Quantity	March, 1934	March, 1933
Aloes	cwt.	368	362
Cascara Sagrada	tons	107	14
Bees' Wax	packages	1,311	1,652
Japanese Vegetable Wax	cases	295	484
Camphor	packages	455	511
Cardamoms	cwt.	834	400
Dragon's Blood	cases	209	223
Galls, China and Japan	cases	229	483
Gum Acacia	packages	7,696	7,708
Asafoetida	cwt.	69	208
Benzoin	cwt.	768	545
Olibanum	packages	481	412
Tragacanth	packages	5,913	10,427
Ipecacuanha	cwt.	146	125
Nux Vomica	cwt.	449	449
Rhubarb	cwt.	450	180
Senna	bales	5,326	4,815
Shellac	cases	169,811	34,699
Tumeric, Bengal	tons	29	25
Tumeric, Madras (other), etc.	tons	63	52

QUININE IN INDIA.—According to a Resolution of the Government of Bengal, there is at present little likelihood of the surplus stock of quinine in Bengal being disposed of unless crude quinine is purified in a marketable form. Bengal bark weighing 1,445,000 lb. was harvested, against 1,179,000 lb. during the previous year. Altogether 46,220 lb. of quinine sulphate were manufactured during the year, and the total quantity of cinchona febrifuge amounted to 25,000 lb. The profit on the year's working amounted to Rs. 4,38,000, a result which is considered satisfactory compared with the results of the preceding two years. The outstanding feature of the year was the sudden drop in the price of the commodity from about Rs. 26 to Rs. 19½ per lb. Quinine and febrifuge distributed gratuitously by the State amounted to about 30,000 lb., while about 6,000 lb. was sold at a reduced rate. It is generally estimated that approximately one person in every three is annually subjected to an attack of malaria. The cases treated in hospitals and dispensaries approximate a tenth of the total number.

Correspondence

Letters should be written on one side of the paper only. Correspondents may adopt an assumed name, but must in all cases furnish their real name and address to the Editor

P.D.A. Council Election

SIR,—May I through the medium of your valuable paper appeal to all members in the Yorkshire area of the Photographic Dealers' Association; who have not yet voted, to record their vote on my behalf, as being the more suitable candidate, and conversant with the whole area, being a native of the West Riding, before coming to Sheffield? My policy is as follows:—(1) Compulsory membership for all photographic dealers; (2) coding of film as being the only method to stop price cutting; (3) maintenance of existing prices and profits for developing and printing. If you want things done in the future, vote for the man who has experience, youth and stamina, and who is—Yours faithfully,

J. E. CROWE.

Sheffield.

"Square" Finance

SIR,—Your leader on the Society's finances makes entertaining reading. You remind us that, under a voluntary system, the Society did very well out of our loyal support. I always held that voluntary support of our trade union was an act of grace, even if the only tangible return for our money was some rather dull reading matter which few of us wanted. But now that the screw has been put on, our loyalty is likely to wilt. We English are incurably liberty-loving, and we instinctively kick and rebel against compulsion. It may well be that the change over from voluntarism to coercion will show the Society to have overreached itself; and it is even possible that in time, when the lesson has been well taken to heart, the *status quo* of voluntary membership may be re-enacted. Of the many ways in which the Society's folly may be brought home to it, one is in the probable decline in the popularity (if any) of the Journal. I must confess that, although I have gladly paid my annual subscription as a member since my qualification, I resent being compelled to pay, and I am inclined (stupidly, perhaps) to look upon the Journal as the badge of my servitude! I find myself opening it tardily or not at all. I find also that many of my qualified friends are casting upon it the same look of wistful suspicion. Any marked declension in the interest taken by readers in a paper reacts quickly and inevitably upon the advertisement revenue; and what you justly call "this costly experiment" may grow costlier still. Here is a question I would like some well-informed reader to answer: what is the relative value of an advertisement in a periodical that is coercively circulated compared with one that is bought voluntarily? Perhaps the president of the Society would like to reply.—

Your old friend,

R. CECIL OWEN.

Chester.

The Trend of Events

SIR,—The trend of events in pharmacy must be causing no small amount of concern to all engaged in this calling, as the passing of the Pharmacy and Poisons Bill into an Act of Parliament will not arrest or even alleviate the matters which are now under review. Mass production is now prevalent in every trade, and pharmacy is one of the last to engage the attention of the industrialist in a manner undreamt of even ten years ago. Chemists have become lookers-on at the game of "cutters" being "cut," which makes the splitting of hairs child's play. With the growth of the popularity of packed goods and proprietary medicines, a great increase in the number of manufacturers has taken place; and to facilitate the sales of their products, a wider area of distribution has been sought and obtained, with the result that pharmaceutical products of one form or another may be found for sale in almost any type of business throughout the country. That these manufacturers should supply the pharmacist and also his unqualified

competitors with the same class of goods is one of the difficult situations created for the leaders of pharmacy. Fortunately there are to be found some manufacturers who remain true to their ideals; but unless support is forthcoming from those who benefit, even this last bulwark may disappear. What is happening may be best illustrated by stating that 6 oz. of glycerin packed may be obtained in a well-known store for 6d., the same amount of "cream olive oil" (whatever that may be) for the same price, and even about one oz. of iodine ointment for 3d. On the one hand is the growth of dispensing by medical men, on the other looms the sale of poisons in Part II of the Pharmacy and Poisons Act by anybody in business who applies to have his name placed on a list, in addition to the host of traders who supply nearly everything usually obtained from a pharmacy, leaving the chemist barely sufficient of that for which he qualifies for and necessary for the upkeep of his pharmacy so that he may fulfil his N.H.F. contract. What is the remedy? As I see things, there are two alternatives. The first is a Pharmacy Bill which will define the business of a chemist and druggist and control dispensing and the sale of pharmaceutical products. The second, in the event of failure of the first, is to petition the Government to take over every pharmacy and substitute a State medical and pharmaceutical service. The present patchwork legislation does not touch the fringe of these matters, and only prolongs the agony, because pharmacy as we know it is doomed unless the young pharmacist awakes to the crisis that is now upon him, and is prepared to support active steps aimed at securing his own welfare.—Yours faithfully,

J. E. MCNEAL.

Harrow.

Council Election

SIR,—As all pharmacists in business in Great Britain have now a vote in the election of the Pharmaceutical Society's councillors, it would not be amiss to remind those electors that the responsibility as to the future conduct of the Society's affairs is also theirs. Now the ideal (?) of some of our leaders as to "compulsory membership" has been effected, but at what a cost of dignity, and, I suggest, by a negation of an Englishman's idea of what constitutes a contract. We are told that we shall not be permitted to use certain titles or continue to practise pharmacy unless we pay a further sum each year. I fail to see any good in the Act; it only further worries the men in the dispensary who have not the time or money to attend West End functions and talk airily about pharmacy for the pharmacist, but have to remain at home to await the visit of the Society's inspector with possible fines as a result.—

Yours faithfully,

NOW A VOTER (17/4).

Sale of Poisons in the Irish Free State

SIR,—I have just been reading a letter in your issue of March 24 from the registrar of the Irish Pharmaceutical Society headed "Sale of Poisons in the Irish Free State." In this letter he states:—

I am also instructed to call their attention to the necessity of carrying out the provisions of the Sale of Poisons Act in regard to arsenical sheep dips, such as Cooper's. There is reason to believe that at least some chemists are not observing the law in this regard, and in case of a prosecution the fact of this warning having been issued will be produced in evidence against them.

I am a M.P.S.I. in business for myself in a small town in the Irish Free State. There is another chemist in the town, and I need not tell you with the prevalent bad times in the country it is extremely difficult to make ends meet. For every packet of Cooper's dip either my competitor or myself sells, the local grocers sell about one gross: the same state of affairs applies to Paris green. None of these grocers is even aware that they should keep

a register of their sales, and they simply laughed at me when I drew their attention to the matter. During my assistantship days the same state of affairs existed in the various towns where I worked, and I feel certain that the Irish Pharmaceutical Society and the registrar must be well aware of the fact. I feel if the Council of the Irish Pharmaceutical Society made some move to rectify this grievance they would be doing something really useful and helpful for the country chemists instead of harassing them over the few sales they do make of Cooper's dip, etc. Now that there is a big duty on Cooper's dip imported into the Free State, it seems a pity that some Irish chemists could not start a company for the manufacture of sheep dips or make some arrangement with an existing Irish company in that line. By confining the products to chemists and druggists this big problem of the grocer underselling and handling these lines would be to a very large extent solved.—Yours faithfully,
PROVINCIAL CHEMIST (18/4).

"Redundant" Pharmacies

SIR,—We have been assured on high authority that it is praiseworthy to make two blades of grass grow where there was one only before; but in the estimation of "Owner" (*C. & D.*, p. 405), if two pharmacies are opened where there is one already, the effect is usually to divide the existing business between the three, rather than for the newcomers to develop their own. I agree. There are many young pharmacists to-day who have lately opened pharmacies of their own, often on the outskirts of London or our big provincial centres. A few of these have done remarkably well, a few have done fairly well; but the remainder would be better off as assistants or managers. They are certainly now their own masters and within reason can do as they like; at the same time they have a perpetual struggle to pay their wholesale accounts, rent, rates, taxes, etc., and keep up a fairly presentable appearance. Many such already realise, I know, that they will never see the money they have invested, and they would be glad to get out provided they could clear their commitments and have a few pounds over. The man who to-day contemplates opening a pharmacy should be sure he is in the right spot and that he has sufficient capital.

Yours, etc.,

MANUFACTURER (10/4).

Legal Queries

D. C. D. (22/11).—The Medicine Stamp Acts do not apply to veterinary preparations, so long as these are not recommended at the same time for human ailments.

H. M. B. (16/11).—Unless the ointment comes within the exemption covering entire drugs, the use of the title "Healing Ointment" renders the article liable to medicine-stamp duty.

S. E. C. (21/11).—A single herb, without any addition whatsoever, comes within the exemption covering entire drugs. On the other hand, a mixture of herbs if recommended for ailments would be liable to medicine-stamp duty.

J. L. R. (29/1).—Within what period must the annual return of a private limited company be furnished to the Registrar of Companies? [The return must be completed within twenty-eight days after the annual meeting and a copy must be forwarded to the Registrar forthwith.]

A. B. (14/11) is manager of a multiple shop branch which closes at 1 p.m. on Wednesdays but re-opens for N.H.I. dispensing from 6 to 7 p.m. In consequence of this he never has a free evening and he is allowed a day or two off at intervals to make up for the extra hours he works on Wednesday evenings. Is this arrangement permissible under the Shops Acts? [If "A. B." is a "shop-assistant" within the meaning of the Acts, that is to say, if he is "mainly employed in the shop in serving customers, receiving orders or the despatch of goods," he must not be employed after 1 p.m. on at least one week-day in each week.]

Miscellaneous Inquiries

When samples are sent particulars should be supplied to us as to their origin, what they are, what they are used for, and how. We do not undertake to analyse and report upon proprietary articles nor to publish supposed formulas for them.

J. R. B. (6/48).—OIL FOR GLAZING.—By soluble oil for glazing, presumably you have in mind the article generally known under the name of liquid starch gloss, for which you will find a selection of recipes in "Pharmaceutical Formulas," Vol. II, pp. 511-512, from which the following is taken:—

Spermaceti	1 oz.
Acacia	1 oz.
Borax	1 oz.
Glycerin	2½ oz.
Water	14½ oz.

Boil half the water and add the borax and spermaceti to it. Separately dissolve the acacia in the remainder of the water and the glycerin. Strain and mix thoroughly with the warm mixture.

One tablespoonful of liquid starch gloss is mixed with a heaped tablespoonful of starch, the product yielding an excellent gloss for cold water starch.

E. H. (26/38).—COAL TAR SHAVING CREAM.—The irritant action of coal tar on the skin can be reduced, to some extent at least, by adding the coal tar to the oil and fats before pouring in the lye. On the other hand, the following formula, which contains Stockholm tar and rectified oil of tar should meet your requirements since it displays no irritant action on the skin and yields a very satisfactory preparation. The following is the method of preparation:—

Coconut oil (s.v. 260)	4 oz.
Bleached palm oil (s.v. 200) ..	8 oz.
Stearine (s.v. 200)	8 oz.
Caustic soda (98 per cent.) ..	½ oz.
Caustic potash (90 per cent.) ..	4 oz.
Stockholm tar	½ oz.
Rectified oil of tar	3 dr.
Alcohol	1 oz.
Water	28 oz.

Heat the oils together, and when melted add the Stockholm tar and rectified oil of tar. Dissolve the caustic soda and caustic potash in 10 oz. of water and stir this solution into the fats. When saponification is completed add the remainder of the water. If desired four minims of creosote may be added to the above.

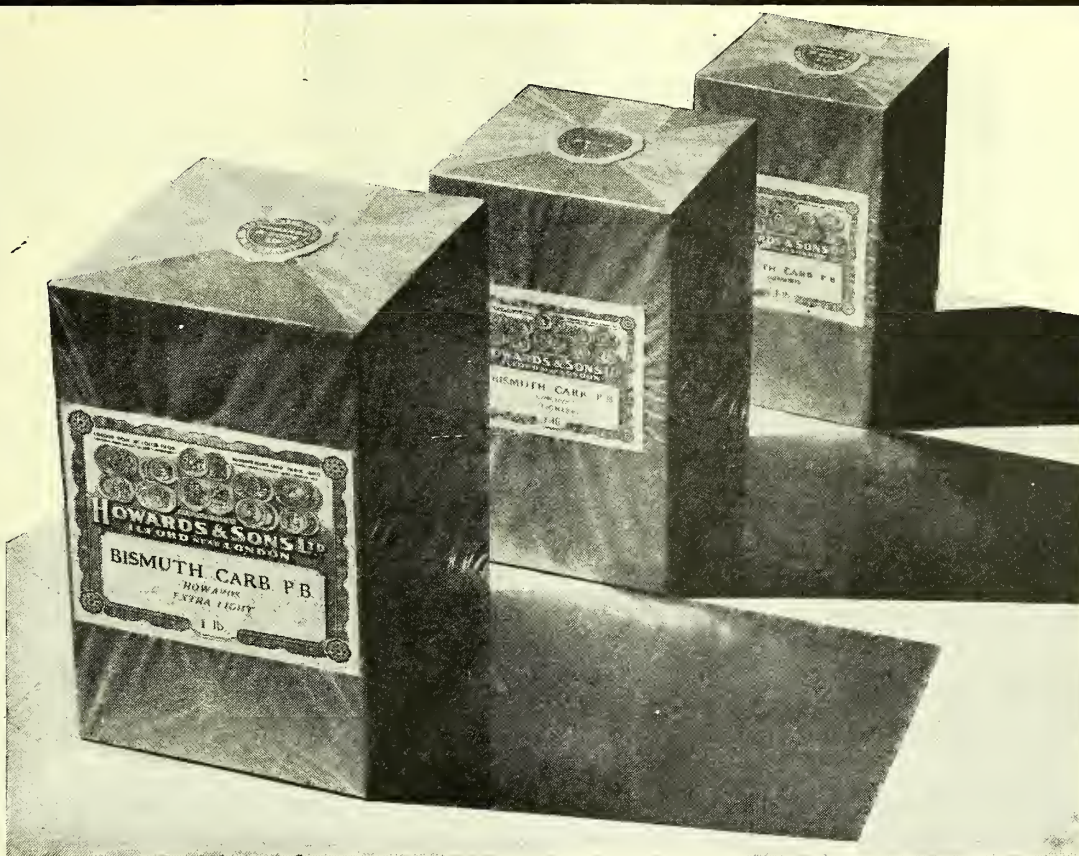
Retrospect of Fifty Years Ago

Reprinted from

"The Chemist and Druggist," April 15, 1884

Preparing the 1885 British Pharmacopœia

At the recent session of the General Medical Council in London, on March 27, the subjoined report of the Pharmacopœia Committee was submitted . . . :—Since the last meeting of the Council, in April 1883, the arrangements for the preparation of the next edition of the Pharmacopœia have been continuous. . . . A memorandum has been forwarded by the registrar to the several medical authorities mentioned in the Medical Act, to various pharmaceutical bodies, and to several gentlemen holding prominent positions as practical pharmacists and manufacturing chemists. Answers containing many valuable suggestions, for which the thanks of the Council are due, in reply to this communication have been received from . . . the following pharmacists and manufacturing chemists:—Messrs. J. B. Barnes, London; W. Inglis Clarke, D.Sc., for Duncan, Flockhart & Co., Edinburgh; S. Gale, for John Bell & Co., London; D. Howard, for Howards & Sons, Stratford; J. F. Macfarlan & Co., Edinburgh; B. S. Proctor, Newcastle; J. C. Thresh, D.Sc., Buxton; Thomas Farries, for Burgoyne, Burbidges, Cyriax & Farries, London; John Moss, for Harker, Stagg & Moss, London; F. W. Fletcher, London; T. & H. Smith & Co., Edinburgh.



Standardised Bismuth Carb. HOWARDS

Ordinary—1lb. occupies
32 fl. ounces.

Light—1lb. occupies
50 fl. ounces.

Extra Light—1lb. occupies
80 fl. ounces.

Famous for over 130 years, Howards' Bismuth Carb. is now available in fixed standard densities, so that the Pharmacist can obtain absolute uniformity in his dispensing, in addition to beautiful quality, by specifying HOWARDS' BISMUTH CARB. P.B. The 50-oz. density, the most suitable for the usual medicinal purposes, is sold at the same price as the "ordinary," but the "extra light" has a small additional charge due to higher packing costs.

Manufactured by

HOWARDS & Sons Ltd., Ilford, near London

Hydroquinone 'MERCK'

E. MERCK DARMSTADT



E-MERCK

H. R. NAPP LIMITED
3 & 4, Clements Inn
LONDON, W.C.2

Telegrams :
"Nappchem London"

Telephone :
Holborn 1444 (2 lines)

Enquire from

HORNER

before buying

CHAMOMILES
ARNICA FLOWERS
LAVANDER FLOWERS
RED ROSES

ANY QUANTITY. ANY PACKING.

Write for List of 1 lb. quantities and upwards

L. A. Horner & Sons
12 SOUTH TENTER STREET
LONDON, E.1

"Eagle" Brand Chemicals

B.P.
PRECIPITATED
SULPHUR

PHOTOGRAPHIC
HYPO

B.P.
EPSOM SALTS
B.P. GLAUBER SALT
ARSENIATE OF LEAD

Enquiries Invited

JOHN RILEY & SONS, LTD.

—Chemical Manufacturers

HAPTON near BURNLEY

Telegrams : "Rileys, Hapton."

Telephones : Padtham 290/1



HYPO

"CURLEW"

BRAND

PHOTOGRAPHIC HYPO
is of outstanding purity
and unvarying quality

Write for samples, prices and full information
to the nearest Area Sales Office of

IMPERIAL CHEMICAL INDUSTRIES LIMITED

at Belfast, Birmingham, Bradford, Bristol, Dublin, Glasgow,
Leicester, Liverpool, London, Manchester, Newcastle-on-Tyne

Head Office: Imperial Chemical House, London, S.W.1

MYSORE



SANDALWOOD OIL

OFTEN IMITATED, BUT NEVER EQUALLED

**GUARANTEED 90%
MINIMUM SANTALOL**

GUARANTEED B.P. AND U.S.P. STANDARDS

The Mysore State is the immemorial home of the Sandalwood Tree and all the wood grown in the State is distilled in the Government Factory at Mysore, and also in the factory at Linden, N.J., or our Agents, Messrs. W. J. Bush & Co., New York.

TRADE COMMISSIONER FOR MYSORE IN LONDON
GRAND BUILDINGS TRAFALGAR SQUARE, W.C.2

Phone: Whitehall 8888

Sole Agents for America: Messrs. W. J. Bush & Co., Inc., 11 East 38th Street, New York. Sole Agents for Canada: Messrs. W. J. Bush & Co. (Canada) Ltd., 432 St. Helen Street, Montreal. Agent for Germany and the Balkan States: Leopold Laserson, Alte Jakobstrasse 20/22, Berlin, S.W.68.



Chemische Fabrik
JOH. A. BENCKISER, G.m.b.H., LUDWIGSHAFEN-ON-RHINE

TARTARIC ACID

IN POWDER
CRYSTALS and
GRANULATED

GUARANTEED IN STRICT ACCORDANCE WITH B.P.'32

ACID PYROPHOSPHATE OF SODA

Quality in all respects equal to Cream of Tartar, especially as regards stability of Baking Powder

EPSOM SALTS

Commercial and B.P. Qualities
also Powdered

Glauber's Salt

Commercial and B.P. Qualities
and Desiccated

Zinc Sulphate

Commercial and B.P. Qualities

Zinc Chloride

Fused, Granulated and Liquid

**WILLIAM
BLYTHE
& CO., LTD.**

Holland Bank Chemical Works

**CHURCH
LANCASHIRE**

**Hyposulphite
of Soda** *Pea Crystals*

Lead Arsenate
Paste and Powder

**Precipitated
Sulphur
WEED KILLER**

*A list of our general Technical
Chemicals sent on application*

Chas. Zimmermann & Co.

LIMITED

9-10 St. Mary-at-Hill, London, E.C.3

TELEGRAMS, INLAND:
"ACIDOLAN, BILGATE, LONDON"
TELEGRAMS, FOREIGN:
"ACIDOLAN, LONDON"

TRADE



MARK

TELEPHONES:
ROYAL 1866
(4 LINES)

CHEMICALS

ACID LACTIC - - - - -
ACID TARTARIC - - - - -
ACID TANNIC - - - - -
ADRENALINE - - - - -
ASPIRIN - - - - -
BISMUTH SALTS
CAFFEIN
CALCIUM GLUCONATE
CARMINE
CHLORAL HYDRATE
CREOSOTE
DIASTASE
HEXAMINE
LYSOL
MALE FERN EXTRACT
MERCURIALS
METHYL SULPHONAL
PANCREATIN
PAPAIN
PEPSINE
PHENOLPHTHALEIN
PHENACETIN
QUININE SALTS
SACCHARINE
SAFFRON
SALOL
SUGAR OF MILK
SULPHONAL
SALICYLATES - - - - -
THEOBROMINE - - - - -
THYMOL - - - - -
YOHIMBIN - - - - -
ACID PHENYL ETHYL BARBITURIC,
ETC., ETC.

MEDICAL DEPARTMENT

Angiolympe (Dr. Rous)
Asthmolysin (Dr. Weiss)
Bilival (Ingelheim)
Cadechol (Ingelheim)
Chinosol Original
Devatol-A (Veterinary)
Kathiolan (Marcussen)
Lobelin (Ingelheim)
Lysol (Dega Brand)
Nivea Cream (Beiersdorf)
Nivea Soap (Beiersdorf)
Norit brand
Medicinal Carbon
Papain (Dega Brand)
Pebeco (Beiersdorf)
Posterisan (Dr. Kade)
Salhummin Mud Extract Bath
Sozoidol Sodium Zincum
(Trommsdorff)
Subitol
Subitine
Terpichin (Oestreicher)
Ultraferran brand
Colloidal Iron Tablets
Unibar Shadow Meal

Satisfactory discounts. No dead stock

*Regular Medical
propaganda
creates increasing demand.*

Immuno Anti-Rheumatic Vaccine

issued in four series, each
in boxes of five ampoules—
graduated doses of 5 million to
375 million units.

Maintenance Dose;
Single Ampoules of 50
Million Units.

A product of the
Laboratories of
Dr. Leon Bertrand
ANTWERP

ALKALOIDS

FINE CHEMICALS AND OPIUM DERIVATIVES

*Goods
covered by
Dangerous Drugs
Acts offered
subject to all
regulations*

Aloin · Atropine · Bismuth Salts · Caffeine · Cantharidin
Capsicin · Chloroform · Chrysarobin · Codeine · Diamorphine
Emp. Canth. Liq. · Ephedrine · Ergotin · Eserine · Ethyl-
morphine · Gingerine · Hyoscyamine · Jalap Resin · Leptandrin
Morphine · Opium · Podophyllin Resin · Salicin · Santonin
Scammony Resin · Strychnine · Veratrine and other
Pharmaceutical Chemicals and Preparations.

T. & H. SMITH LTD.

25 CHRISTOPHER STREET, LONDON, E.C.2

*Blandfield Works,
Edinburgh,
32-34 Virginia St.,
Glasgow*

SOUTH AFRICA

*is an Important and Growing
Market for British Products*

LENNONS,
the Old Established Chemists, cover
the whole of the Country. They have
Efficient Wholesale Facilities for In-
tensive Distribution and Distinctive
Retails in the Important Towns



Those who wish to exploit the Market
or increase their present business
should write the London Office :—

LENNON LIMITED,
12/14 LAFONE STREET,
LONDON, S.E.1

PILLS **BULK & PACKED**

TABLETS

LOZENGES

Enquiries invited for Tablets & Pills to customers' own Formulæ

Matthews & Wilson (1931) Ltd.

6-8 Cole St., London, S.E.1

Established 1894 Phone: Hop 6610-6611

BECAUSE of its stability and superior quality, Parke-Davis Peroxide brings buyers back for more. Such satisfied and regular customers, preferring quality to quantity, constitute a valuable asset to any business. Use this customer-holding and profit-producing Peroxide to your own advantage. It is a good line to buy on the special terms we offer. Send for particulars.

PARKE, DAVIS & CO.,
50 Beak Street, London, W.1

Laboratories: HOUNSLOW, MIDDLESEX

Inc. U.S.A., Liability Ltd.



*For
Stability and Profit*

"SAMARITAN" REGD. OLIVE OIL

In its attractive packing "Samaritan" Olive Oil has the appearance of bottled sunshine—and in truth this is an apt description. All the goodness of olives ripened in sunny Spain is in this oil, giving it a delicate flavour and lasting sweetness unexcelled by any other brand. The first sale is sufficient to ensure repeat orders, and the popularity of "Samaritan" Olive Oil is widespread. Put up in 2½, 5, 10 and 20 oz. bottles, hygienically packed, with attractive showcards. Send for prices and further particulars.

A Product of
THORNTON & ROSS LTD
MILNSBRIDGE
HUDDERSFIELD



**FINEST QUALITY
CRUDE**

IODINE

**GUARANTEED
NOT LESS THAN
99%**

**EVERY CHEMICAL & INDUSTRIAL USER SHOULD
APPLY FOR CURRENT PRICES & CONDITIONS
TO**

ANTONY GIBBS & SONS
22 BISHOPSGATE, LONDON, E.C.2

representing

ASOCIACION de PRODUCTORES de YODO de CHILE

VISCOSITY

While Specific Gravity is useful as a means of grading Liquid Paraffin, Viscosity is the true test of quality.

As specialists in this material we can offer an Oil with a Viscosity of 290/300 seconds at 100° F.

"QUALITY COUNTS"

C.E. THURLEY & SON
UNITY WORKS

PHONE: MARYLAND 4086

LATIMER ROAD E.7



HALMAGON

BRAND

World-wide Registered Trade Mark

PREPARATIONS



GELATINE

The Peak of Quality

In leaf form and powdered.

Supplied in 1 lb packets and household packets for retail.

Absolute purity. Water clear solution. Tasteless. Odourless.
Economical in use.

Highest keeping quality ensured by the use of our modern
hygienic plant.

Uniform quality guaranteed.

Conforms in every respect to the requirements of the Food
and Drugs Act.

Prices decidedly competitive.

Wholesale & Export Enquiries invited.

SPLETT & CO

17, Philpot Lane, London, E. C. 3

Phone: Royal 6559

Agents for Manufacturers

Deutsche Gelatine-Fabriken A.-G., Schweinfurt

SPUNTHE
OINTMENTS
OF**DISTINCTION****WE** can't make you buy
the finest Ointments—**BUT** we can make the finest
Ointments for you to buy.FAMOUS FOR 25 YEARS**COLD CREAMS & VANISHING CREAMS**

OF EVERY TYPE FOR EVERY CLIME.

Telephone: HOP 2422.

Telegrams:
"Ushenspuna, London."**ROBT. BLACKIE** Shen Works,
Tower Bridge Rd.
London, S.E. 1Technical White
& Half-White
OilsPharmaceutical
Petroleum
Jellies**SL**
**MEDICINAL
LIQUID
PARAFFIN B.P.**Tel.:
ALBERT DOCK
3131 (6 lines)**SILVERTOWN LUBRICANTS LIMITED.**MINOCO WHARF
WEST SILVERTOWN, LONDON E.16Grams.:
**VOLUMETRIC
SILVER**

THE LATEST BEECHAM PRODUCT

This season the public will be demanding BEECHAMS Brand LUNG SYRUP! A NEW Product bearing a name which means SUCCESS—a name known and respected by MILLIONS—a name of incalculable goodwill which must ensure IMMEDIATE ENORMOUS DEMAND FROM THE START.

Everyone knows Beecham's Pills. The success of Beecham's Powders is beyond dispute.

The Success of Beechams Brand Lung Syrup rests upon the same solid foundation. Its efficacy in banishing COUGHS, COLDS, BRONCHITIS, and other RESPIRATORY TROUBLES is really outstanding.

A Bold, Forceful, Compelling advertising scheme, covering the foremost papers in the land, is now in operation. The public are responding to this advertising. Keep yourself stocked to meet every demand.

BEECHAMS PILLS LIMITED



TRADE TERMS FOR ALL BEECHAM PRODUCTS

BEECHAM'S PILLS

1/3 size	-	-	-	-	11/9	per dozen
3/-	"	-	-	-	28/-	"
5/-	"	-	-	-	54/-	"

BEECHAM'S POWDERS

1/3 size	-	-	-	-	11/9	per dozen
5/-	"	-	-	-	54/-	"

BEECHAM'S POWDERS (Tablet Form).

1/3 size	-	-	-	-	11/9	per dozen
----------	---	---	---	---	------	-----------

BEECHAMS Brand LUNG SYRUP

1/3 size	-	-	-	-	11/9	per dozen
----------	---	---	---	---	------	-----------

Less 2½% discount and a further 5% display allowance. Minimum Order £2. All goods packed free and despatched carriage paid.

Stock more—Show more—Sell more
BEECHAM PRODUCTS

ST. HELENS, LANCASHIRE

Compound Syrup of Hypophosphites

TRADE **"FELLOWS"** MARK

The ideas supported by the medical world today on the therapeutic value of calcium and other mineral salts, were embodied 60 years ago in "FELLOWS."

The only preparation of its kind then, "FELLOWS" still stands alone for its tonic qualities in the treatment of rundown conditions of health and the many forms of anaemia and nervous ailments which so often result.

It stimulates the appetite, aids digestion, and is valuable as a stimulant and tonic to overcome mental and physical exhaustion; and as an aid in combating the invasion of the Tuberculous Processes.

"FELLOWS" has never been successfully imitated.

FELLOWS MEDICAL MANUFACTURING CO., Ltd.
286 St. Paul Street West, Montreal, Canada.

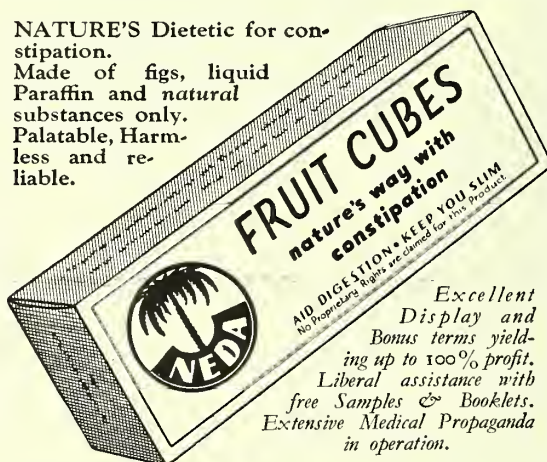
Laboratories:

UNITED STATES	GERMANY	ITALY	SPAIN	MEXICO
ROUMANIA	ARGENTINE	REP. COLOMBIA	AUSTRALIA	NEW ZEALAND

NEDA FRUIT CUBES

NATURE'S Dietetic for constipation.

Made of figs, liquid Paraffin and natural substances only. Palatable, Harmless and reliable.

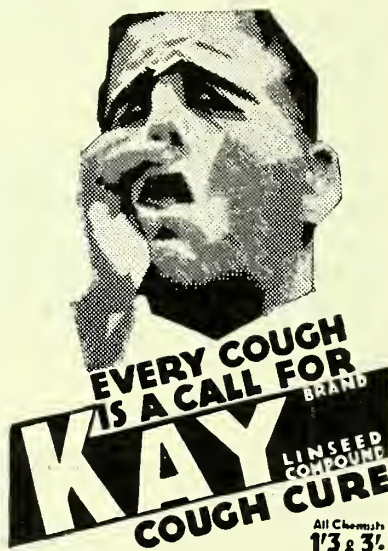


★ A very fine Display Screen in bright colours provided ★

A Press campaign will commence shortly, starting with the "Daily Mail." See that your stock is ready for the demand.

Apply for terms to:

E. A. ANDRESEN, 23 Gt. James St., W.C.1



A familiar sight
on the hoardings

Cash in
on KAY
advertising

Call to your aid the power of press and poster through the medium of your next window display. Write now for show material and special prices:

KAY BROTHERS LTD.
STOCKPORT

ETHER - SOLUBLE - TAR - PASTE

ANTISEPTIC — EMOLLIENT — NON-STAINING

“ E.S.T.P. ”

SPECIALLY INDICATED IN ECZEMAS

In 2-oz., 4-oz., 8-oz. pots, and special hospital packings

**W. MARTINDALE, 12 NEW CAVENDISH STREET,
LONDON W.1**

FOR SKIN AFFECTIONS

RIVISTA ITALIANA DELLE ESSENZE E PROFUMI

(Affiliated to the Technical Press Association)

SIXTEENTH YEAR OF PUBLICATION

Official Organ of the Group of Producers of Aromatic
Substances of the National Fascist Federation of Chemical
and Allied Industries.

Director : - - - - Dr. EMMA FENAROLI

Editorial Offices : - VIA S. VINCENZO N.38 MILAN

Telephone : 31 216-C.P.850

Producers of Aromatic Substances for Perfumery—Manu-
facturers of Articles used in the Perfumery Trade—This is
the Periodical in which to Advertise effectively in Italy.

MAKE USE OF ITS ADVANTAGES

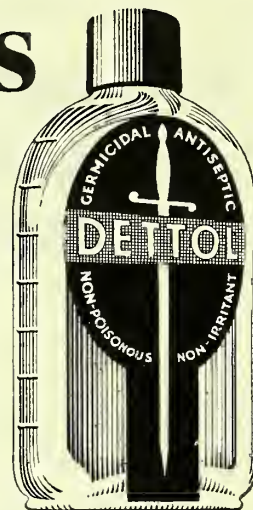
SAMPLE COPY AND TARIFF ON REQUEST

Persistent Antisepsis

The chemical barrier against infection must be

lasting. Antiseptic precautions in labour—indeed, in all surgical practice—present two important problems. The first—to find a germicide which can be used at high concentrations without risk of irritation or poisoning. The second—to find a treatment for the hands of the operator, obstetrician and midwife which will be *lasting.*

Now such a germicide has been found. It is highly effective, safe on human tissue, lasting in its protection. It is non-poisonous, non-irritant even at full strength, non-staining to linen and the skin and pleasant in smell—a combination which gives a wider margin of safety than has been obtainable till now.



'Dettol'—attractive in appearance and packing—sells at a reasonable price—4 ozs. for 1/- and larger sizes for Medical and Hospital use.

'D E T T O L'

TRADE MARK

THE NEW SAFE GERMICIDE

—non-poisonous at any concentration

RECKITT AND SONS LTD. (PHARMACEUTICAL DEPT.), LONDON AND HULL

PETROLEUM JELLIES

WHITE, LEMON, YELLOW, AMBER, RED, GREEN.

WHITE & COLOURED OILS

YELLOW, GREEN, RED FOR BRILLIANTINE, etc.

LIQUID PARAFFIN

COLOURLESS, TASTELESS, ODOURLESS.
ALL SPECIFIC GRAVITIES.

B.P. AND TECHNICAL QUALITIES

Wholesale Trade only.

STERNS LTD.

16 FINSBURY SQ., LONDON, E.C.2, ENGLAND

Telephone: NATIONAL 7644 (7 lines)
Telegrams: "CENTUMVIR, PHONE LONDON."



CHEMISTS who display ADVERTISED goods participate in £30,000,000 worth of ready-made SALES every year



~~~~~  
This Illustration is typical of the excellent eye-arresting Window Displays which 'ASPRO' publish at frequent intervals.

These Window Sets are printed in full colour—and are sent to Chemists **FREE**

~~~~~

Changing times are here—changing values. The centre of gravity of business is removing to active centres. Let us illustrate this from the chemist's standpoint—his business—his sales. Many chemists fail to realise that in their section of advertised lines over £3,000,000 is being spent annually. If it takes 10% average advertising to sell and make known an article to the public this means that the proprietary and general advertising of chemists' lines is selling £30,000,000 worth of goods a year. THE CHEMIST WHO GETS THIS BUSINESS IS THE MAN WHO SHOWS WINDOW DISPLAYS OF ADVERTISED GOODS IN HIS WINDOWS ALL THE TIME. He connects up with

Agents :

GOLLIN & CO. PTY. LTD.
(‘Aspro’ Dept.), SLOUGH, Bucks.

Telephone : SLOUGH 608

its stupendous active sales-producing activity. If he fails to show in his windows literature of advertised lines his potential customers and sales are DIRECTED INTO OTHER CHANNELS. You can easily prove this for yourself with ‘ASPRO’. **WHEN YOU SHOW AN ‘ASPRO’ WINDOW DISPLAY, YOU DEFINITELY CONNECT UP WITH ONE OF THE LARGEST ADVERTISING CAMPAIGNS IN THE KINGDOM.** You attract customers into your shop not only for ‘ASPRO’ but for a hundred and one other things which you stock. Why not prove this to-day for your own satisfaction? Why not bring the customers into your shop? **USE ‘ASPRO’ advertising to do it.**

‘ASPRO’ consists of the purest Acetylsalicylic Acid that has ever been known to Medical Science, and its claims are based on its superiority.

Made by ASPRO LTD., Slough, ENGLAND

No proprietary right is claimed in the method of manufacture or the formula.

ASPRO
REG. TRADE MARK

**HOSPITALS USE IT
DOCTORS PRESCRIBE IT**



But these are only two of the reasons why you should stock

YESTAMIN

Overwhelming support from medical profession, Hospitals and laboratories is rapidly bringing YESTAMIN to the front as a splendid special nutriment in a wide variety of diseases.

Yestamin is Yeast in its most concentrated form. It is richest in B.1 and B.2 Vitamins and contains all the beneficial enzymes of Yeast. It is the most palatable and convenient form of taking Yeast.

We consistently tell the public this in our advertising which is aimed to send the public to the Chemist. Are you preparing to meet the demand this publicity is creating?

Here are our trade terms:

YESTAMIN POWDER
In tins of 16 ozs. @ 42/- per doz.
In tins of 8 ozs. @ 24/- per doz.
In tins of 4 ozs. @ 15/- per doz.

YESTAMIN TABLETS
In tins of 250 tabs. @ 24/- per doz.
In tins of 100 tabs. @ 12/- per doz.
In tins of 50 tabs. @ 6/- per doz.

**NOTE THE
HANDY
PACKINGS**



Retail orders value 30/- bear 25% discount. Over this discount is 33 1/3%; Retail orders value £4 and over, packed 13 to dozen.

As an added attraction we offer Bonus Parcels allowing you profits of 66 2/3% and 62 1/2% on outlay.

*Why not get
in touch with
us to-day?*

THE ENGLISH GRAINS CO. LTD.
SHOBNALL ROAD, BURTON-ON-TRENT

*The most potent Vitamin (A and D)
concentrates prepared from
natural sources only*

ESSOGEN

VITAMIN A (Blue Value 2000)

is the most potent concentrate of Vitamin A so far marketed, having a Blue Value of 2000, i.e. 200 times that of a good cod liver oil. It has been perfected after many years of research in the Biological Laboratories of Lever Brothers Limited.

Used in a comprehensive series of tests under the auspices of the Medical Research Council (Annual Report 1929/30), Essogen (Lever's Preparation Y) is offered to the medical profession as a well authenticated and accurately standardised preparation of the anti-infective Vitamin A.

Supplied in 2 min. capsules in
Tubes of 50 and Bottles of 500

ADVITA

VITAMINS A (Blue Value 1250) and
D (International Units 1000 u.p.g.)

Advita—prepared from natural sources—is a highly concentrated form of Vitamin D, balanced with Vitamin A. It effectively takes the place of cod liver oil in the prevention or treatment of rickets and in the promotion of proper calcification of the bones and teeth.

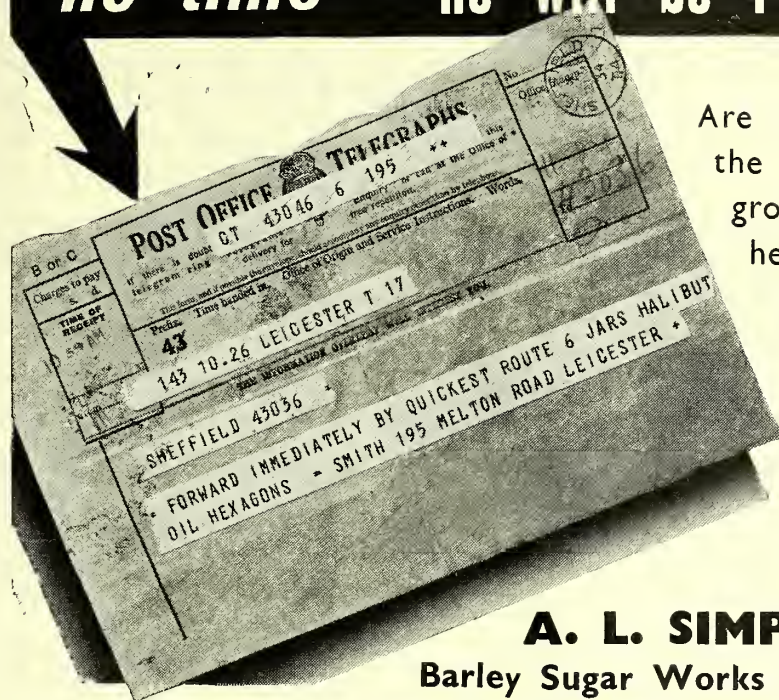
Supplied in 2 min. capsules in
Tubes of 50 and Bottles of 500

*Prices on application, with special discounts to the
Medical Profession, Hospitals and Institutions*

**Sole Distributors for the Biological Laboratories
of Lever Brothers Limited—**

**Trufood Ltd., Dept. No. (3), Union House,
26 St. Martin's-le-Grand, LONDON, E.C.1**

**Here's a wise Chemist who wastes
no time — he will be richly rewarded**



Are you taking advantage of the enormous and ever-growing demand for these health-giving confections?

Send us your order today. Our factory is working to full capacity, and the sooner you order—the quicker you will receive your supplies.

A. L. SIMPKIN & CO. LTD.
Barley Sugar Works (Dept. C.D.), Sheffield, 6

*These Journals are
selling*
TOWN TALK
*for
YOU*

Advertisements of "Town Talk" Liquid Silver Polish, the "Town Talk" Silver Plate Cloth and the "Town Talk" Chromium Plate Cloth appear consistently each month in over 10 million copies of the women's newspapers and magazines illustrated.

That is why Stockists don't have to sell "Town Talk"—they are asked for it.

Order direct or from
James Woolley Sons & Co.,
Ltd., Manchester
Ayrton, Saunders & Co., Ltd.,
Liverpool
Brooks & Warburton, Ltd.,
Goodall, Backhouse & Co.,
Leeds
May, Roberts & Co., Ltd.,
London

TOWN TALK POLISH CO.
— MANCHESTER —



Corks

OF EVERY
DESCRIPTION

Send us your Enquiries,
and compare our prices.

WHOLESALE & EXPORT

C. OLLEY & SONS, LTD.
ESTABLISHED 1844

Camperdown St., and Gt. Alie St., London, E.1
Tel. No.: Royal 2868. Tel. Add.: "Circumference, Ald, London."

METALLIC CAPSULES
for all purposes

The Tonkin Metallic Capsule Co.
Proprietors: C. Olley & Sons, Ltd.

MEET THE CONSTANTLY
INCREASING DEMAND FOR

PURE

BEER

EASILY MADE AT HOME

FREE
YEAST
WITH EACH
TIN

FOR **1 D**
PER
PINT
ALE OR STOUT
FROM

SIMPLY
ADD
COLD
WATER



VIGGORMALT
(Registered)
THE

PURE TRIPLE-STRENGTH IMPROVED EXTRACT OF
RICH MALT & HOPS ONLY

(NO ADULTERATION OR ADDED COLOURING)

TRIAL **1/-** PER : 3 times quantity **2/6** PER
SIZE **1/-** TIN : 8 " " **5/6** TIN
13 " " **8/-**

NO BOTTLES CRATES BREAKAGES
ULLAGES RETURNS LOSSES

DISPLAY MATERIAL AND LIBERAL TERMS FROM

Viggormalt Distributors—

FASSETT & JOHNSON, LTD., 86 Clerkenwell Road, London, E.C.1

Sole Manufacturers—VIGGORMALT LTD., Hove, Sussex

32,099

known Renipas users to date, being 495 more than when we advertised four weeks since. Renipas being an all the year round seller, we look forward with as much confidence to Summer as to Winter and offer to share our trade with you, Mr. Chemist. That is why we tell you

RENIPAS

Buyers in your district are yours for the taking.

Renipas is stocked by principal Wholesalers such as:—

Barclays, Brooks & Warburton, Butler & Crispe, May Roberts, Sangers, Suttons, (Aberdeen) William Paterson, (Birmingham) Hedges, (Bristol) Ferris, Hodders (Derby) Daniels, (Glasgow) Cockburns, T. & H. Smith, (Hull) Loftbouse & Saltmer, (Leeds) Hirst Brooke & Hirst, (Leicester) Butler, St. Dalmas, Wands, (Liverpool) Ayrton Saunders, Evans Lescher & Webb, Sumner, Thompson, (Manchester) Woolleys, (Newcastle) Hall Forster, (Preston) Barnes & Crompton, (Swansea) Rowland James, (York) Raimes, (Belfast) McMullan.

International Chemical Association, 69 Fleet St., London, E.C.4.

Robb's

NURSERY BISCUITS

**REDUCED
PRICES**

& NEW SIZE

Now 3d., 6d. & 1/5 cartons
also tins 2/5, 4/11 & 8/6

REVISED PRICES EFFECTIVE TO
THE PUBLIC ON MAY 1ST.

To be obtained of all Principal
Wholesalers.

Write for revised Price List.

Show Materials and Literature
forwarded on application.



Alex Robb & Co Ltd

(Dept. C.T.2), Nursery Biscuit Factory,

ATKINS RD, LONDON, S.W.12

Manufacturers of Table Rusks, Ginger Nuts, Charcoal Biscuits, etc

Remogland CHEMICAL
COMPANY PRODUCTS

REMOGLAND Tablets and Ampoules (Male and Female).
Tablets in bottles of 40 and 100.
Ampoules in boxes of 12.

REMOLYSIN in treatment of OBESITY.
Tablets in bottles of 60 and 100.
Male & Female Ampoules in boxes of 12.

FORTOTESTIN Tablets—(contain no thyroid).
Tablets in bottles of 100.

Male
REMOSEPT Vaginal antiseptic tablets in tubes of 12.

Distributors:—LYNDWOOD & CO., 37 Red Lion St., London, W.C.1

Stockists:—BUTLER & CRISPE, 80/82 Clerkenwell Rd., London, E.C.1
and all other Wholesalers.

ESTABLISHED 1793.

The Best and
Safest Infants'
Medicine of
over 130 years'
standing.

ATKINSON & BARKER'S
INFANTS' PRESERVATIVE

Does not
contain
any
Scheduled
Poison.

ROBERT BARKER & SON, LTD., 13 WESLEY STREET, C. on M., MANCHESTER

THE CHEMIST'S COMPACT LIBRARY

Every book by an Expert

Pharmaceutical Formulas

(P.F. Vol. I)

The tenth edition of this, the most complete pharmaceutical formulary in the English language, is devoted to the official and semi-official preparations of practically every country in the world. This volume (published 1929) contains 1146 pages.

Price 15s. net, by post 15s. 9d.

Pharmaceutical Formulas

(P.F. Vol. II)

Published 1934. Supplementary to Vol. I, and known as "The Chemists' Recipe Book." Contains formulas for adhesives, beverages, cleaning materials, culinary and household requisites, horticultural and agricultural preparations, inks, lozenges, perfumes, photographic preparations, polishes, soaps, toilet articles, varnishes, veterinary preparations, etc., including numerous descriptions of practical methods employed in their manufacture, and other information of use to pharmacists and manufacturers. Over 1000 pages.

Price 15s. net, by post 15s. 9d.

Pharmaceutical Botany

An attractively written book, dealing with the plants mentioned in the examination syllabus of the various pharmaceutical examining bodies. A useful gift for apprentices and assistants who have not passed the qualifying examinations.

Price 5s. net, by post 5s. 4d.

The Art of Dispensing

The tenth edition of this well-known work is now ready. The book has been thoroughly revised and considerably improved, while maintaining the features which have made it so popular with several generations of students. It is kept by chemists in the dispensary for ready reference in cases of difficulties arising in the course of the day's work.

Price 8s. net, by post 8s. 6d.

Veterinary Counter Practice

Chemists interested in veterinary practice will find the work indispensable, as it deals with the ailments of horses, cattle, sheep, pigs, dogs, and poultry, and the remedies that can be supplied. New edition 1930 (Eighth) brings this book thoroughly up to date.

Price 7s. 6d. net, by post 8s.

The Photographic Chemist

This is a concise guide to chemists commencing and carrying on a photographic department.

Price 3s. 6d. net, by post 3s. 8d.

Diseases and Remedies

Now in its sixth edition (March, 1931). It has been carefully revised by an experienced medical practitioner and parts of the book have been rewritten.

Price 5s. net, by post 5s. 3d.

Wootton's Chronicles of Pharmacy

In two vols., maroon cloth, comprising 770 pages.

Price 10s. 6d. net, by post 11s. 3d.

Practical Methods of Urine Analysis

The object of this book is to give chemists exactly the information they want on the subject. The book was written by a pharmacist who was an expert in this work, and has been revised by a medical practitioner and lecturer of long experience in clinical analysis. (Fourth Edition). Contains 97 pages.

Price 4s. net, by post 4s. 3d.

The Chemists' Dictionary of Medical Terms

A small book which explains the meaning of medical terms as to which customers often inquire from chemists. In addition to concise definitions of these technical terms, notes are given on the treatment of the more important ailments.

Price 3s. 6d. net, by post 3s. 8d.

The C. & D. Price List Formulary, "P.L.F."

All users of the C. & D. Retail Dispensing Price List require a copy of this Formulary. It brings together the formulas for unofficial preparations, the prices of which are quoted in the Price List. It is a choice collection of good formulas for articles in everyday request by the public.

Price 2s. 6d. post free

Provincial Hospital Pharmacopœias

Uniform with the "Chemists' Dictionary," contains 296 pages and consists of formulas for medical prescriptions used in twenty-two hospitals and infirmaries in Great Britain outside the London district.

Price 3s. net, by post 3s. 2d.

FOREIGN CORRESPONDENTS ARE REQUESTED TO NOTE THAT THE POSTAGE IS 2d. EXTRA FOR EACH BOOK.

May be obtained at the published prices from the Wholesale Drug or Sundries House or from:—

**THE CHEMIST AND DRUGGIST, 28 ESSEX STREET, STRAND,
LONDON, W.C.2**

Branch Offices : Paris : Melbourne and Sydney, Australia ; Auckland, New Zealand ;
Manchester : 49 County Buildings ; Sheffield : 54 Foster's Buildings.
Glasgow : 19 Waterloo Street.

MONTH-BY-MONTH SUGGESTIONS FOR
BIGGER BOB MARTIN SALES

SPRING WILL KEEP "SPRING" IN YOUR CONDITION POWDER SALES

IF YOU BACK UP THE HEAVY BOB MARTIN PRESS
ADVERTISING WITH A WINDOW OR COUNTER DISPLAY

IN SPRING..

*you must purify
your dogs blood*



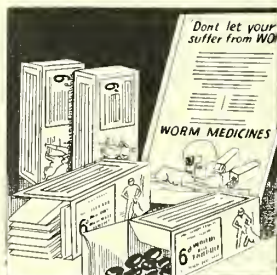
he needs...
BOB MARTIN'S
CONDITION POWDERS

A powerful appeal to the sense of responsibility which dog owners bear to their dogs at this time of the year forms the basis of the huge Bob Martin Spring Campaign now running in the National press, and has already more than "half sold" every dog owner in the kingdom. The colourful Cecil Aldin window bill illustrated here will provide the final mental jolt and turn

these prospects into buyers! See that you display this bill prominently and made sure of maximum sales from the dog owners who are ready to buy in YOUR district. Further copies of the window bill will be gladly sent on application to Bob Martin Ltd., Southport.

SPRINGTIME IS WORMING TIME

Spring puppies must be wormed, and at this season most owners worm their dogs also. The demand for Bob Martin's Worm Medicines will be brisk during the next few months. Go for your share of the business by



giving Bob Martin's Worm Medicines a small display. There is an attractive counter card—ask for it when sending for other display material.

ODD SALES OR REGULAR BUYERS?

There are approximately 3,000,000 dog owners, all regular or prospective regular buyers of Bob Martin's preparations.

Going out for your share of this profitable custom is worth every available inch of window display you can spare. The actual experience of hundreds of pharmacists is that Bob Martin's preparations are among the most profitable display lines ever put in a window. Regular, profitable sales pay dividends on every inch invested in window space. Display material always available on application to Bob Martin Ltd., Display Department, Southport.

* * *

Owners will soon be able to wash their dogs every week without risk of ruining the "bloom" on their dog's coat. Look out for important announcements!

* * *

FOREIGN BUYERS—PLEASE NOTE

The Bob Martin preparations sold in Great Britain are packed for the home market only, and the packets do not comply with Custom's regulations for foreign countries. Please address any enquiries regarding export to Bob Martin (Export) Ltd., Southport, England.

DISPLAY MORE . . . sell more
BOB MARTIN'S CONDITION POWDERS

AUSTRALIAN SANDALWOOD OIL

B.P. 1932

[OLEUM SANTALI
ASTRAL]
"BRADDOCK BRAND"

of Delicate Aroma for Perfumery
and Guaranteed B.P. and French
Codex for Pharmacy

CLOVE OIL

B. P.

Extra Pale Colour ; also Caraway
Seed Oil, Almond Oil

PRUNELLA BALLS

at Reduced Price, of Good Shape
and Appearance, White or
Attractive Colours



WHIFFEN & SONS LTD.

Grams : Whiffen, London

Phone : Fulham 0037 [3 lines]



Carnwath Road, Fulham,

London, S.W.6

OPENING A PHARMACY

From London
11.1.34

I thank you for dispatching my order so promptly. One consignment arrived a day late, but that was the fault of the railway company. All the goods were received in good condition and I am very pleased with the various packed lines.

From Worcestershire
10.1.34

I should like to take this opportunity of expressing my entire satisfaction with your handling of my opening order. I am extremely pleased with the appearance of the goods, especially the "Purple Key" pack.

I appreciate the great help that Mr. Black has given me and the helpful atmosphere at Hanover Street when we came to Liverpool.

Hoping that this may only be the beginning of a mutually profitable business association.

Get AYRTON'S PUBLICATION

"A New Pharmacy"

AYRTON, SAUNDERS & CO., LTD.
34 Hanover Street, 44-46 North Lotts,
LIVERPOOL DUBLIN

To Wholesale and Export Trades
**SOLID & LIQUID
EXTRACTS**

Green Extracts •
Expressed Juices •
Essential Oils •
• Belladonna & •
Henbane Preps. •

**MEDICINAL
SPIRITS**
IN BOND FOR EXPORT

WILLIAM RANSOM & SON LTD.
Manufacturing Chemists
HITCHIN, Near LONDON

MALTED FOODS

*Special Foods Devised
"Own Name" Formulae
Prepared & Packed*

George King & Co. Ltd.
Sycamore Street
London, E. C. 1

IN TINS OR TONS

SOLAZZI Liquorice Juice

The Chemist's Brand

Should any enquiries as to the composition of SOLAZZI be received from the Public, Chemists are requested to emphasise the fact that SOLAZZI is not included in the category of Secret Remedies, and that the following guarantee obtains with every parcel.

Solazzi Juice is

*guaranteed to consist entirely
of the condensed extract of
finest Calabrian Liquorice Root,
without any admixture whatever*

The CHEMIST AND DRUGGIST SUPPLEMENT

This Supplement is inserted in every copy of The Chemist & Druggist

28 ESSEX STREET, LONDON, W.C. 2

APRIL 21,
1934

ADVERTISEMENT TARIFF

ALL ADVERTISEMENTS are PREPAID, so that remittance must accompany instructions in each case. If it be necessary to telephone or telegraph an urgent announcement this may be done, provided the money is telegraphed at the same time.

BUSINESSES WANTED and for **DISPOSAL, PREMISES TO LET** and **FOR SALE, PREMISES WANTED, PARTNERSHIPS, GOODS** for **SALE** and **AGENCIES**—6/- for 50 words; every additional 10 words or less, 6d. (Box No., 1/- extra.)
SITUATIONS OPEN—6/- for 40 words; every additional 10 words or less, 6d. (Box No., 1/- extra.)
SITUATIONS WANTED—2/- for 18 words; every additional 10 words or less, 6d. (Box No., 1/- extra.)
LEGAL NOTICES, TENDERS, AUCTIONS, and all specially-spaced announcements, 1/3 per nonpareil line (12 lines = 1 inch single column). (Box No., 1/- extra.)
MISCELLANEOUS (Wholesalers') Section for odd and second-hand lots—10/- for 60 words; 1/- for every additional 10 words or less. (Box No., 1/- extra.)
EXCHANGE COLUMN (for Retailers, etc.)—Twopence per word, minimum 2/- (Box No., 1/- extra.)

THE CHEMIST & DRUGGIST, 28 Essex St., Strand, London, W.C.2
Telephone: Central 6565 (8 lines). Telegrams: "Chemicus, Estrand, London."

CLOSING FOR PRESS.

must reach us
not later than

FIRST POST THURSDAY MORNING

All advertisements intended for
insertion in this Supplement

ORRIDGE & CO. 56 LUDGATE HILL, E.C.4

ESTABLISHED 1846

Telephone No.: CITY 2283

May be CONSULTED at their Offices on MATTERS OF SALE, PURCHASE & VALUATION

We make no charge to purchasers, and invite intending buyers to communicate with us, stating their requirements

1.—STANMORE (near).—Middle-class Retail Business; net profit £500 per annum; rent £150; sublet 26s. 6d. per week; scope for increase; price £1,025 or offer.

2.—SURBITON (near).—Good Middle-class Retail Business; turnover over £1,600; gross profit £650; good living accommodation; reasonable rent; long lease; price £1,100, or near offer.

3.—EARL'S COURT (near) Death Vacancy.—Good-class Retail Business offering scope for considerable increase; excellent living accommodation; very reasonable rent; price about £400.

4.—VAUXHALL (near) Death Vacancy.—Working-class Retail Business; in late proprietor's hands 35 years; good Panel; rent entirely let off; price about £500.

5.—LONDON, N.W.—General Retail Business with small Panel; returns under the management of a lady, approximately £40 weekly; excellent profits; valuable lease; price £1,250.

6.—METROLAND.—Good-class Family Retail Business; turnover last year approached £2,400, increasing; living accommodation if required; genuine reason for disposal; valuation terms entertained; sole agents.

7.—EAST LONDON.—Drug Store for disposal; in present proprietor's hands 23 years; net profit £350 to £380; Vendor owns premises and will grant lease at reasonable rental; Vendor retiring.

8.—LONDON (Western Suburb).—Cash Retail Business with exceptionally good Panel; good profits; main-road position; modern flat; established 50 years; valuation terms entertained.

9.—FOREST GATE (near).—Light Retail Business; in present hands 20 years; returns £1,100; good profits; rent £85 per annum, inclusive; good stock and mahogany fixtures; valuation terms entertained.

10.—EALING (near).—Cash Drug Store returning £25 per week; good profits; comfortable house; reasonable rental; long lease; price asked £900.

11.—EASTERN COUNTIES.—Good-class Retail Business; established 20 years; returns under management, £1,360; gross profit £520; living accommodation; reasonable rental; held on lease; price about £550.

12.—GLOUCESTERSHIRE.—Working-class Retail Business producing a net profit of over £600 per annum; living accommodation; rent £30 per annum; lease; price for quick sale £775 or near offer; Vendor purchased another business.

13.—HANTS.—Good-class Country Retail Business; Wine Licence; turnover this year £3,200; good profits; rent £150; let off £45; long lease; price including book debts (worth about £350) £2,400.

14.—DERBYSHIRE.—Light Retail Business with good Panel; returns 1933 £1,321; Panel £163; stock and fixtures worth £600; low rent; lease 8½ years; price asked £200 plus stock and fixtures at valuation; health reasons for sale.

15.—SUFFOLK COAST.—Good-class Dispensing Business; in present hands 14 years; net profit average £425; good house; rent £70; new lease; Vendor buying another business; details on application.

16.—YORKSHIRE (East Riding).—Vendor aged 73 is desirous of selling Light Retail Business as soon as possible; net profit 1933 £266; certified accounts; living accommodation; very low rent; price asked £550.

17.—CORNISH COAST.—Good-class Business; returns 1933 £2,355; good profits; reasonable rent; long lease; valuation terms entertained.

18.—KENT COAST.—Cash Drug Store; returns 1933 £1,108; net profit £283; good living accommodation; rent £65 per annum inclusive; valuation terms entertained.

19.—BIRMINGHAM (Good-class Suburb).—Middle-class Retail Business; net profit £400; very nice house; mahogany fixtures; good clean stock; rent £90; new lease; further details on application.

20.—SOUTH COAST.—Good-class Retail Business with increasing turnover; net profit this year £800; good living accommodation; rent £96; long lease; price £2,300; genuine reason for disposal.

Chemists' Transfers, Valuations for Sale, Stocktaking & Probate

Special Terms for Income Tax Valuations and Preparation of Accounts by Qualified Accountants.

Ernest J. George
& Co.
Chemists Valuers & Transfer Agents.

Bank Chambers, 329, High Holborn, London, W.C.1.
 Telephone Nos. Holborn 1167 & 1278, (2 lines).
Tudor House, Walsall, Telephone, Walsall, 3774.
Chemists Valuers & Transfer Agents.

(C1) WEST COUNTRY.—Owing to contemplated retirement an old-established departmental business in a congenial district is available for purchase; turnover approximately £6,500 per annum; net profit £1,250; minimum capital requirements £5,000; confidential particulars will be forwarded to genuine prospective purchasers upon receipt of bankers' or other satisfactory references.

(C2) SOUTH COAST.—Excellent profit-earning business, situated in small seaside resort; present turnover approximately £3,000 per annum; net profit about £775; low rental, which includes good modern house with three bedrooms, etc.; the business is not seasonal in character, and can be acquired for approximately £2,200 all-at, including stock and fixtures worth over £1,000.

(C3) LANCs.—High-class pharmacy, prominently situated in main shopping thoroughfare; turnover upwards of £3,000 per annum; good substantial stock; confidential details to genuine prospective purchasers.

(C4) SCOTLAND.—Old-established retail business (lock-up), situated in busy suburb of important city; present returns approximately £2,750 per annum; net profit £600; low rental; price £2,000, including good stock and modern fixtures, worth approximately £1,300.

(C5) NORTH WALES.—Prominently situated good-class pharmacy, for over 30 years under present proprietorship; turnover for 1933, £2,285; gross profit £750; reasonable rental on long lease, or property could be purchased; living accommodation; price £350, plus value of stock and fixtures; owner retiring.

(C6) KENT.—Modern pharmacy, with exceptionally good potentialities; main-road situation; rapidly extending residential district; present turnover approximately £2,000 per annum, and steadily increasing; reasonable rental, which includes up-to-date living accommodation; valuable lease; price by negotiation.

(C7) SOUTH WARWICKSHIRE.—Attractive lock-up pharmacy with excellent potentialities, which have not been exploited by the present owner, who is shortly retiring; returns at the moment amount to approximately £20 weekly, with abundant scope for further increase; rent £80; price to comprise approximate value of stock and fixtures, estimated at £550-£600.

(C8) GLOUCESTERSHIRE.—Attractive modern pharmacy prominently situated; present returns about £2,000 per annum (have exceeded

£3,000); gross profit for 1933, £1,075; excellent scope for increase; less than value of stock and fixtures (approx. £1,150) will purchase; offers considered.

(C9) NORTH-EAST COAST.—Old-established family business; turnover approximately £2,100 per annum; good living accommodation; price £1,500, including stock and fixtures estimated at £1,200.

(C10) SOUTH COAST.—High-class dispensing business for disposal owing to retirement; net profit for 1933, £505; abundant scope for further increase; reasonable rental, including good living accommodation; price: one year's net profit for goodwill, stock and fixtures at valuation.

(C11) HERNE HILL (NEAR).—Modern pharmacy—lock-up—situated in busy shopping thoroughfare; present returns approximately £28 per week; reasonable rental; price by negotiation.

(C12) ALDERSHOT (NEAR).—Unopposed country business, situated amid charming surroundings; turnover for 1932/33, £1,242; net profit £320; low rental, which includes living accommodation; reasonable purchase price.

(C13) HIGHBURY (NEAR).—Two small businesses with excellent potentialities for disposal separately at reasonable figures—approximately £350 and £350 respectively; full particulars upon application.

(C14) BRIGHTON.—Established middle-class business, situated on main road; present turnover approximately £20 per week, with excellent scope for increase; living accommodation; price £750, including stock and fixtures, £650; open to offer.

(C15) SOUTHFIELDS (NEAR).—Established business with living accommodation; turnover about £20 weekly; rent £78 per annum; main-road situation; price £750 or offer.

(C16) BLACKHEATH (NEAR).—Drug store with excellent scope for further development; present turnover about £14 weekly; high gross profit; rent £70, including living accommodation; price all at £325.

(C17) UXBRIDGE (NEAR).—Good-class pharmacy, unopposed, with excellent potentialities; present turnover about £1,100 p.a.; good living accommodation; stock about £400; price £750; open to offer.

(C18) LONDON, E.C.—Old-established business, situated in busy thoroughfare; turnover approx. £2,000 per annum; excellent scope for further increase; easy hours and very low rental; no near opposition; reasonable purchase price.

BERDOE & FISH

CHEMISTS' VALUERS AND TRANSFER AGENTS,
 41 Argyle Square, KING'S CROSS, W.C.1
 (One minute from St. Pancras and King's Cross Stations.)

1.—MIDLANDS.—Old-established Business, with valuable proprietaries and Full Wine Licence; returns were over £5,000; badly neglected; now doing about £2,000; exceptional scope; fine commanding corner shop; in busy main street; splendid windows; ample stock; price £1,500; worth attention.

2.—NORTH YORKS.—Old-established City Business, with Full Wine Licence; good Photo Trade; returns approx. £3,000, under manager; central position; owner retiring; price bare valuation, about £950; stock can be reduced.

3.—HANTS.—Good Middle-class Family Retail; in growing district; no near opposition; returns nearly £950, net profit £250; living accommodation attached; stock and fixtures worth £450; price £700.

4.—WESTCLIFF-ON-SEA.—Well-established Light Retail, with good Prescribing; main-road position; turnover exceeds £1,500; net profit £348; house attached; fully stocked; price valuation, plus small goodwill.

5.—SOUTH COAST.—Good Middle-class Retail; steady all the year round trade; returns £1,250; good profits; modern pharmacy, with flat over, garage, &c.; stock and fixtures worth £700; price £900 or first reasonable offer.

6.—DERBY.—Light Family Retail with N.H.I., in thickly populated district; no near opposition; returns last year £1,321; rent £52 on lease; corner shop, well stocked; owner ordered South; offers invited.

7.—LONDON, S.W.—Good-class General Retail; only small Panel; turnover exceeds £2,000; stands to do easily £3,000; splendid main-road position; commanding shop; fully stocked; price £1,575; personally recommended.

8.—LONDON SUBURB, S.E.—Profitable Light Cash Retail, with good N.H.I. and Photo; returns last year £1,770; net profit about £450; increasing; low rent; splendid stock; price £1,250 or near offer.

9.—LONDON, N.W.—Cash Retail, with good N.H.I.; in busy main road; returns last year £2,500, under management; books audited; gross profits over 40 per cent.; rent £110; upper part can be let off at £80; stock and fixtures worth £700; price £1,200.

10.—KENSINGTON (NEAR).—High-class Business, with good Private Dispensing; returns over £2,000; net profit averages about £500; fine main-road position; well fitted and stocked; price £1,500 or offer.

Businesses Wanted

Estab. 1870.

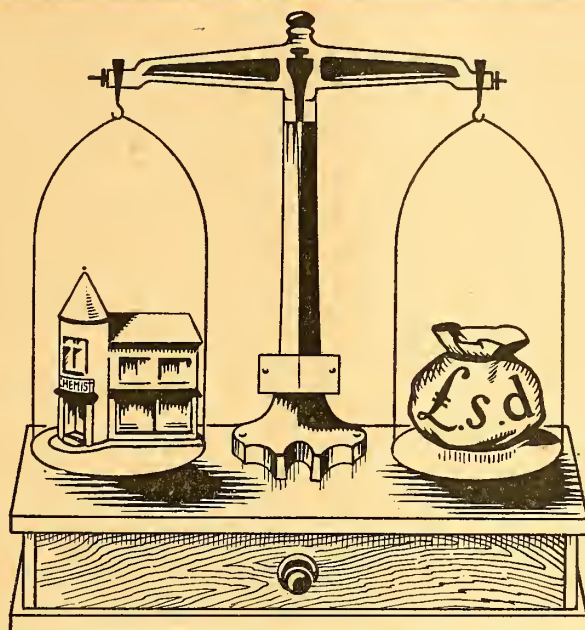
Telephone: Terminus 3574.

S. F. CLARK, F.N.A.A. 'Phone: Prospect 3366
CHEMISTS' VALUER & TRANSFER AGENT
 34 Marksbury Avenue, Richmond, Surrey
BUSINESSES TRANSFERRED, AND VALUATIONS
 CONDUCTED IN ALL PARTS OF THE BRITISH ISLES,
 UPON MODERATE TERMS. **MORTGAGES ARRANGED.**
Personal and Confidential Service Guaranteed.

JOHN BRIERLEY, F.N.A.A.
 "THE RECOGNISED CHEMISTS' VALUER and TRANSFER AGENT."
 135, Queen Street, Newton Heath, MANCHESTER.
MANCHESTER, returns £1350 p.a., house, lease, low rent, £650
DERBYSHIRE, good class, returns £1800 p.a., house, lease, £950
SOUTHPORT, lock-up, returns £1000 p.a., lease, £750 about
WIMBLEDON, returns £1000 p.a., house, lease, easy rent, £750
 Other offers all parts, from £250 Tel.: Failsforth 1913

THE ASSOCIATION OF MANUFACTURING CHEMISTS, LIMITED
 (Business Agency, Transfer & Valuation Department)
KIMBERLEY HOUSE, and at EXCHANGE CHAMBERS,
 Holborn Viaduct, LONDON, E.C.1 2 Bixteth St., LIVERPOOL.
PARKIN S. BOOTH, Valuer. Tels.: CITY 3691 (4 lines).
VALUATIONS, SALES OF BUSINESSES. STOCKTAKINGS.
Enquiries Invited.

C. & D. Stock-Taking Sheets
Halve the Labour of Taking Stock.
Price of Complete Pad, 2/6 post free.
The Chemist & Druggist, Publications Dept.,
 28 Essex St., London, W.C.2



Whether you are buyer or seller
we can hold the balance
**AND ASSURE YOU A
SQUARE DEAL**

Ernest J. George
J. & Co.

Chemists' Valuers and Transfer Agents

Tudor House,
WALSALL

Telephone : 3774



Bank Chambers,
329 High Holborn,
LONDON, W.C. 1

Telephones : HOLborn 1167 & 1278
(2 lines)

BUSINESSES FOR DISPOSAL.

BIRMINGHAM.—Family Business, with good Photographic and N.H.I. connection; average returns for the past three years £1,100, under manager; no immediate opposition; would suit chemist with personal touch; house and garage lease; price £850 or near offer; bankers' reference; only bona fide buyers dealt with. 17/8, Office of this Paper.

ESSEX.—A Genuine Retail Chemists for disposal; situate in main road; with commodious living accommodation; returns £2,900, plus N.H.I., £500 per annum; accountant's figures; rent £100; on valuable lease; good stock; further particulars on receipt of bankers' references. 17/35, Office of this Paper.

LEEDS.—Good-class Chemist's Business; turnover £1,100; suitable for young Qualified man; good living accommodation; rent £52 and rates. Full particulars from H. Francis Orriss, Ltd., Chemists' Valuers, 65 Great George Street, Leeds. Telephone: 24604.

LEICESTER.—Corner Site on busy main road; working-class district; good fixtures, large and varied stock; N.H.I.; opening for optics; income for last two years £1,500; exceptional opportunity for considerable increase under personal care; good living accommodation; stock and fixtures at valuation, goodwill £500; no agents; cash purchasers only. 18/34, Office of this Paper.

LIVERPOOL.—High-class suburban district; good Retail Chemist's Business; turnover £28 per week. Further particulars apply Lewis & Mounsey, 3 Lord Street, Liverpool.

LIVERPOOL.—Pharmacy for sale; on main busy road; excellent scope for N.H.I.; Kodak Agency; rent £1 2s. per week clear; house part sublet at 17s. 6d. per week; must sell only for price of stock and fixtures, £200; reason for sale: owner qualified for Medicine. Apply 17/15, Office of this Paper.

LONDON.—Two Businesses for Disposal, City and West End; both in commanding positions; good windows; Kodak Agencies; well fitted and good stocks; ample scope for development; combined turnover £4,000; gross profit £1,600; reasonable price for quick sale. P.C.B. 116/8, Office of this Paper.

LONDON, E.—Well-stocked and beautifully fitted recently-established Pharmacy in thickly populated neighbourhood, with no near opposition; stock approx. £250; fixtures and goodwill £150; no reasonable offer refused; must sell quickly; rent £65 per annum. 19/1, Office of this Paper.

LONDON, N.—Old-established Cash Chemist's Business on main road; returns over £1,600; good house; exceptionally low rent and long lease; scope for increase; recently refitted throughout with modern oak fittings; good, up-to-date stock; large N.H.I.; illness sole reason for sale; price £1,500 or near offer for quick sale. 17/46, Office of this Paper.

LONDON, N.W.—Good Working-class Cash Business in extending neighbourhood; lock-up corner shop, stock room, next to surgery (two doctors); no near opposition; considerable N.H.I., and Photographic; long lease at £55; net weekly profit £6, increasing; good clean stock, mahogany fittings; reasonable price; giving up retail for health reasons. 17/58, Office of this Paper.

LONDON (S.W. Suburb).—Good Retail, Dispensing and Photographic Business for disposal; growing neighbourhood; returns over £30 weekly; rent moderate; well-fitted large shop and modern flat over; early sale desired; all particulars supplied to genuine prospective buyers. Apply 17/44, Office of this Paper.

MANCHESTER.—Drug Store, near centre of city, for sale; £100 all; good position; drug business neglected, but capable of big improvement; good opportunity for Unqualified Lady or Gent. Write 17/50, Office of this Paper.

MID-KENT.—Nice district; Village Business for disposal; Dispensing, Retail, some Agricultural; returns about £900; scope for increase; excellent detached house, about an acre of ground, lawn and fruit trees; on main road; price: business £800, property £1,600. Apply 17/1, Office of this Paper.

NEAR BOURNEMOUTH.—Chemist's Business for Sale; double-fronted shop, with flat over; well fitted throughout; takings small under management; scope for considerable increase under personal supervision; stock and fixtures value £450; accept £350 or near offer for quick sale; genuine applicants only please apply. 11/36, Office of this Paper.

SHROPSHIRE.—For immediate disposal, Growing Business in country town; returns average £27 per week; lease 21 years at low rental; stock approximately £350; fixtures and fittings £150; Library Agency. Further particulars from Parkin S. Booth, Association of Manufacturing Chemists, Ltd., 2 Bixteth Street, Liverpool, or Edward Royden Kenneth Hunt, Chartered Accountant, Market Street, Wellington.

SOUTH COAST.—Old-established Retail and Photographic Business, with opening for Optics; lock-up shop in main thoroughfare popular health resort; Kodak and Ucal Agencies; death reason for disposal; under poor management, and capable of increase; returns £1,397, net profit £412; price £925. 17/39, Office of this Paper.

CHEMIST Business, at present under manager; suit Young Qualified, in easy reach of Manchester; takings £800 per annum; Scripts 300 per month; good Photographic connection; Kodak, Selo, Ensign Agencies; good stock and good fittings; will take reasonable offer. 17/12, Office of this Paper.

DRUG STORE.—Good going business and good connection mail orders; South Coast; low rent; fittings and stock; genuine bargain, £200. 239/599, Office of this Paper.

DRUG STORE.—Situating busy part London; established 5 years; profits exceed £4 per week; inclusive rent; 5 years' lease; exceptional reason for disposal; just the thing for Young Unqualified; genuine bargain; stock, fixtures and fittings all at £80; no offers, stock hunters or triflers, please. Write, making appointment, to 18/8, Office of this Paper.

DRUG STORE.—Unique and genuine opportunity for Qualified man; has been run under unqualified management and neglected owing to ill-health; good scope for N.H.I. and Photographic; low rental; shop and living accommodation; sacrifice price, including shop fittings and stock, £150 cash. 18/36, Office of this Paper.

FOR SALE—DERBYSHIRE.—Modern Country Pharmacy; suit elderly man seeking semi-retirement; easily run; low rent; no qualified opposition; good medium-class trade, including Photo, Stationery, Tobacco, Drugs, Patents and Licence to sell Stamps; owner retiring; value of stock only asked, about £200; nice house available, garden, garage and delightful surroundings. Apply 18/14, Office of this Paper.

FOR SALE.—Chemist's Business at Crewe; established; executors' sale by reason of death. Apply Pedley, Timperley & Tomkinson, Solicitors, Crewe.

FOR SALE.—Lock-up Pharmacy; London; growing locality; middle-class trade; returns this year £1,215; good profits; could be increased by smart man; stock about £400; long lease; owner getting out of trade; bank reference. 15/5, Office of this Paper.

GOOD-CLASS Pharmacy for disposal; ten miles from London; large roomy shop; splendid stock and fixtures; good turnover; price by negotiation (approximately £1,500). 18/26, Office of this Paper.

HERBAL DRUG STORES.—Established 43 years; main road; South London; rent 15s. weekly, inclusive, agreement; no opposition; £8 weekly clear profit after paying rent, stock, &c.; 2 rooms, yard, conveniences; excellent opportunity for genuine person; scope to increase sales; trial given; price £200 all at. 18 Trafalgar Road, Greenwich, London, S.E.10.

NEWLY-OPENED BUSINESS FOR DISPOSAL.—Excellent Prospects in growing neighbourhood; only chemist within radius of half-mile; good N.H.I.; rent, including rates, 28s. 6d. per week; lease 21 years; genuine reasons for disposal; South Essex district; £600, all at. P.C.B. 115/40, Office of this Paper.

NO OPPOSITION.—Chemist's Business in new and growing residential district, 25 miles out; attractive double-fronted shop and modern house of 5 rooms and bathroom; turnover increasing steadily and now £20 per week; price £300, and stock at valuation about £350; freehold can be secured for about £160 cash, or lease will be granted at £72 per annum. Lindell's, Ltd., 14 Hanover Square, W.1. Mayfair 1608.

NO PREMIUM.—Beautifully-fitted Chemist Shop; in busy main thoroughfare; N.W. district; has been open 9 months under management; only reason for disposing: proprietor has no time to devote to the business; turnover £30 per week; rent £150 per annum; fixtures and fittings £250; stock at valuation; the takings could be doubled. Apply 239/591, Office of this Paper.

BUSINESSES WANTED.

6s. for 50 words or less; 6d. for every additional 10 words or less, prepaid (Box No., 1s. extra.)

CHEMIST, well experienced, with capital £350, seeks Business or Partnership with view to succession; working-class district preferred, and business must be capable of considerable expansion; bankers' references given if required and replies treated with the strictest confidence. 17/21, Office of this Paper.

MODERN Business, with house and garden, having room for garage, required; seaside preferred, or would consider growing estate; turnover £2,000 upwards; please state in confidence full particulars. Wade, Chemist and Optician, 58 Brudenell Road, Leeds, 6.

PRIVATE Chemist requires Business, W. or S.W. London; turnover £4,000 per annum; all correspondence treated in strict confidence. 18/7, Office of this Paper.

WANTED, in Manchester or 10 miles radius, Well-established Business with takings of £1,500 (minimum) to £3,000 (maximum); ample capital available for suitable investment. 17/26, Office of this Paper.

PROPRIETARY ARTICLE PARTNERSHIP VACANCY

Exceptional opportunity occurs for chemist joining another in well-established Proprietary with large, profitable sales. Minimum investment £1,000. Principals only.

239/596, Office of this Paper.

PREMISES TO LET.

BAKER STREET, facing Met. Rly. Station.—Exceptionally fine Shop and Basement in an unrivalled position, suit Chemist; low commencing rent. Sole Agents, Hillier, Parker, May & Rowden, 27 Maddox Street, W.1. Tel.: Mayfair 7666.

BOURNEMOUTH.—Wonderful opening; first-class thickly-populated district; no opposition; beautiful modern premises; large shop and excellent living accommodation; rent only £100 per annum; definitely a golden opportunity. Apply Lattimer & Co., 24 Westover Road, Bournemouth. Phone: Bournemouth 2491.

NOTTS.—Fine opportunity for Chemist; well-fitted Shop to Let in main shopping street of busy market town, with house attached; separate entrance, and good warehouse; rent £60; low rates; thickly-populated district; no chemist near. For further particulars apply 239/605, Office of this Paper.

DENSELY-POPULATED LONDON SUBURB (25 minutes Charing Cross).—No Chemist established; Shop, with maisonette at £210 per annum; facing station. Apply Stephens, Grand Buildings, Trafalgar Square, W.C.2. Whitehall 9224.

HOUSE and Shop with Warehouse, First-class opening for Chemist; situate busy main street in thickly populated area in market town in Midlands; no other Chemist in the district; shop well fitted; good Window; cheap electricity and rates; low rent; vacant July 1. 17/9, Office of this Paper.

PARTNERSHIPS.

YOUNG Chemist (31), at present Branch Manager (6 years) seeks Partnership or Managership where he could purchase by degrees; thoroughly experienced in London and Provinces; courteous, capable and dependable; £150 to £200 available; living accommodation preferred. 14/5, Office of this Paper.

£300 CAPITAL.—Third-Share Partner, active or sleeping, required. Lady or Gentleman, by genuine Manufacturers of All-British Beauty Face Pack; secret formula of 3½ years' research; commercially proved, highly successful, home and abroad; prospects assured; willing form Private Limited Company if desired; serious replies only considered. 17/10, Office of this Paper.

AGENCIES.

A FIRM of British Merchants and Manufacturers' Representatives, several years' standing, with good connections in the Indian market, wishes to obtain Sole Representation for Pharmaceutical and Medical Lines. Department run by fully-qualified Medical men. Firms confident of their products and who are willing to make reasonable allowances for the introduction of new lines to the medical profession only need communicate. 14/2, Office of this Paper.

MANUFACTURER of three Medicinal Proprietaries, with nearly 60 years' reputation and sales in North, offers Formulae and Marketing Rights, North, excluding Durham County, South, Midlands, Wales, Scotland, Ireland or abroad, together or separately; remarkable testimonials; trial immediately proves wonderful efficacy; only lack of capital prevents huge development by consistent national advertising. Apply "Proprietaries," 18/10, Office of this Paper.

MR. S. ASHER, of Asher's Pharmacy, Ltd., Johannesburg, South African Chemists, Druggists and Wholesale Distributors, will be in London in May, and can be interviewed at Messrs. Ewing & Co., 75/4 Chiswell Street, London, E.C.1. Mr. Asher will be pleased to meet manufacturers with a view to Buying and Representation for his organisation in the Union of South Africa and Rhodesia. They have distributing Wholesale Depots in Johannesburg, Cape Town, Durban, Port Elizabeth, East London, Bulawayo and Salisbury.

SELLING Agents of many years standing, well organised for Belfast and Northern Ireland territory, desire to get in touch with reputable firm offering saleable line, preferably advertised, for Chemists and Stores. 239/604, Office of this Paper.

SOLE AGENT required handle Sales Great Britain of American Dental and Shaving Creams. Apply P.C.B. 115/31, Office of this Paper.

SPECIAL Agents to offer competitive Summer Line as Buyers' Own Name Pack; commission terms; full particulars on applications from accredited representatives. 16/14, Office of this Paper.

TENDERS INVITED.

GUY'S HOSPITAL, S.E.1.

DRUGS AND SURGICAL DRESSINGS.

THE House Committee invite Tenders for Surgical and Antiseptic Dressings, also for Drugs, for immediate and future delivery.

A list of these, with further particulars and form of Tender, may be obtained on application to the Pharmacist.

Tenders, duly sealed, are to be returned to the Superintendent's Office not later than April 30, 1934.

APPRENTICES.

YOUTH (18), secondary education (school certificate) desires Apprenticeship with large Chemist Firm (London) with view M.P.S. W., 14 Woodside Road, S.E.25.

SITUATIONS OPEN.

RETAIL (HOME).

BRISTOL.—Wanted at once, Qualified Man (outdoors), to take charge of branch. Apply, stating age, height, salary required and whether married, to F. H. Moss, Chemist, Shirehampton Road, Stoke Bishop, Bristol. (Applicants not answered in 5 days respectfully declined.)

EAST SUFFOLK.—Assistant required, indoors, single; comfortable home; used to N.H.I. Write, giving references and stating age, salary required, photo if convenient, to 18/11, Office of this Paper.

FINSBURY PARK.—Qualified man (30 to 40) for small branch; accustomed to N.H.I. and managing practically single-handed; duties to commence April 30; £4 per week and commission on increased business; no stamps or original testimonials; applicants not answered in 5 days respectfully declined. Foster, 23 Skinner Street, Clerkenwell, E.C.

GRAVESEND.—Qualified Lady Assistant required. Apply, stating age, experience and salary required, and forward two copies of testimonials, to Managing Secretary, Gravesend Co-operative Society, Ltd., 3 Harmer Street, Gravesend.

LINCOLNSHIRE TOWN (inland).—Qualified Manager for branch wanted; used to N.H.I., Photography, Window-dressing, Counter; lock-up shop; easily worked single-handed. Apply, stating age, salary required, experience, &c., to 17/23, Office of this Paper.

LIVERPOOL.—McGuffie's, 10 Castle Street, require Qualified Assistant (male) for first-class city business; must have had wide Dispensing experience; age about 26-30; send particulars of apprenticeship and experience, also state salary required; applications not answered in 5 days respectfully declined. Letters only, J. Milling, M.P.S., c/o John McGuffie & Co., Ltd., Chemists, Liverpool, 2.

LONDON, EAST (near City).—Qualified Assistant (either sex); good Dispenser and all-round experience; one willing to work up neglected business preferred; write, stating particulars, age and salary required (moderate); letters unanswered in 6 days respectfully declined. 17/52, Office of this Paper.

LONDON (E. Suburb).—Young Qualified Manager required for branch; scope for increase; bonus to energetic man showing return. Apply, giving full particulars, to 16/1, Office of this Paper.

LONDON, E.2.—Wanted, about middle of May, Qualified Assistant, accustomed to N.H.I. Dispensing and middle-class trade. Apply, with particulars of experience, names of references, when disengaged, age and salary expected, 17/45, Office of this Paper.

LONDON, N.—Qualified Manager for poor to middle-class Pharmacy; knowledge of practical D. and P. work desirable. State experience, age, salary required, and when disengaged to 17/16, Office of this Paper.

MANCHESTER.—Qualified Lady required for 3 months commencing July, small business, N.H.I.; give usual particulars and state salary (which must be moderate). 17/31, Office of this Paper.

MANCHESTER.—Qualified Manager with pleasing manner required; must have initiative and ability and be excellent Window-dresser, experienced in Toilets, Photography, and Counter Prescribing; knowledge of Optics an advantage. Write, stating age, height, experience, salary required (photo if possible), to 17/5, Office of this Paper.

MANCHESTER DISTRICT.—Junior Assistant with ability to work up Retail Business; Photography (D. & P.) experience desirable. M., c/o W. Reeve, 75 Urnston Lane, Stretford.

NORTH-EAST COAST.—Qualified Man wanted immediately to manage working-class branch; must be used to N.H.I. Dispensing and Practical Photography. Full particulars, including salary, which must be moderate, to Varley & Son, Milton Road, West Hartlepool.

N.W.2.—YOUNG Lady Assistant required for Drug Stores; Counter and Window-dressing; good opportunity for smart girl. Write, stating experience, age and salary required, to 17/18, Office of this Paper.

NORTH LONDON.—Qualified Chemist (Male) required for Retail Shop; good Window-dresser essential; highest references essential; state salary required. P.C.B. 115/24, Office of this Paper.

OXFORD.—Qualified Man wanted for branch; good-class Dispensing and Retail; living accommodation if required; commence May 1 or shortly afterwards. Full particulars of all experience, age, recent photograph, to Druce & Co., 118 High Street, Oxford.

SOUTH-COAST TOWN.—Wanted, Qualified Man as Superintendent for Private Limited Company; suit elderly wishing easy post, or one recently qualified desiring experience; state age, experience and salary, which must be moderate, in first letter. Write 16/6, Office of this Paper.

STAFFORDSHIRE.—April 28; young, active, married Qualified Man to manage branch; industrial district; £3 5s. plus house (over shop) plus half net profits; opportunity for man with confidence in own business-making ability; state age, height, experience, date disengaged, references; photo if possible (returnable); applications not answered 4 days respectfully declined. 16/17, Office of this Paper.

SUSSEX.—Qualified Lady or Gentleman with small capital, to act as Superintendent in a good-class business; good living accommodation if necessary; splendid opportunity for one wishing to make an early purchase. Apply Rhef, 239/600, Office of this Paper.

ASSISTANT wanted for good-class Dispensing and Counter Trade; must be a good Salesman and well up in Photography. Apply A. Maitland & Co., 8 Torrington Place, Gordon Square, W.C.1.

AT ONCE.—Qualified Manager or Qualified Assistant, able to manage, for working-class business, outdoors; permanency. State age, experience and salary required to G. A. Pickering & Son, Chemists, Royston, near Barnsley.

JUNIOR Assistant required immediately; high-class Dispensing and Counter experience essential. Apply, with full particulars, age, salary and photo, L. J. Collis & Co., Ltd., 34 St. Leonards Road, Bexhill-on-Sea.

JUNIOR Holiday Relief required; 5 or 6 weeks, commencing June; used to good-class business. J. F. & R. Wood, 29 Brighton Road, Worthing.

LOCUM for two weeks August 7th to 21st, inclusive; good salary. Apply Sintex, 239/590, Office of this Paper.

LOCUM (gentleman), Qualified, abstainer, for N.H.I. and general Counter work, August 13 to September 8 inclusive. Lowest terms and full particulars to J. Marlar & Son, Ltd., 49/51 High Street, Halstead, Essex.

MANAGER wanted, Qualified; take sole charge; salary £230 per annum and half share of profits. Write, stating particulars and amount could invest as security at 7 per cent. interest. Williams, 53 Gap Road, Wimbledon, S.W.

MANAGER, with Optical Qualification, required for Outer West London; permanent and progressive post offered; must be capable and conscientious; state salary expected and send photo if possible. 18/13, Office of this Paper.

MANAGERS.—Consequent upon the opening of new branches, Timothy Whites require really capable Qualified Managers; applicants must be energetic and possess ability; good prospects and free removal. Apply, stating experience, age, salary required, and full particulars, to Assistant Secretary, Timothy Whites, Ltd., Portsmouth.

PRIVATE Limited Company, East Yorkshire, requires a Qualified Chemist to take charge of branch; must be willing to take £50-£100 worth of shares. 18/12, Office of this Paper.

QUALIFIED Assistant (Male), married, to take charge of branch; must be used to working-class trade; knowledge of Photography; state age, salary required and previous experience. Apply Metcalfe, Chemist, Hull.

QUALIFIED Branch Manager for 30th; working-class district; N.H.I. Dispensing. Also Junior Assistant, Unqualified. State full particulars as to age, experience and salary required. Bewells, Ltd., 19/21 Pitfield Street, N.1.

QUALIFIED Chemist, Lady or Gentleman, required for a few weeks, commencing April 25, in modern pharmacy; residential district; duties light; no Sunday duty; terms must be moderate. Apply (enclosing reference) to E. C. Wright, Chemist, Manor Court Road, Nuneaton.

QUALIFIED Chemist required for East London shop; smart appearance; used to N.H.I. and Counter. Apply W. K., 1A Coburn Street, Bow, E.3.

QUALIFIED Lady Assistant, at once, for new Country Business, Hants; used N.H.I., Counter, capable Dispenser. Apply in writing, stating experience, age, salary, references, photo (with stamped addressed envelope for return), to H. Weeding, 5 Bridge Road, Cove, Farnborough, Hants.

QUALIFIED Lady Assistant Wanted; used to N.H.I., Counter and Photography. Reply, with usual particulars, to D. C., 43 St. Helier Avenue, Morden.

QUALIFIED Lady or Gentleman, London, S.E., wanted middle of May; age not under 28 years; used to N.H.I., Counter and Photography; permanency if suitable; applications not answered in 7 days respectfully declined. 17/48, Office of this Paper.

QUALIFIED Lady required; must be thoroughly experienced in High-class Toilets and Window-dressing. Apply, stating salary and age, &c., to 13/50, Office of this Paper.

QUALIFIED Locum Wanted, Staffordshire, from (beginning) Monday morning, April 30, to Sunday, May 6, inclusive; Sunday night duty 6-8 p.m., Thursday closing day; night duty 6-8 p.m.; replies must enclose photograph and state terms. 239/601, Office of this Paper.

QUALIFIED Retail Manager wanted; must be smart and a business builder and experienced in High-class Toilets and Counter Prescribing; salary and commission; progressive post for right man. Apply, stating age and salary required, &c., to 13/5, Office of this Paper.

SEASON Assistant, Qualified, required for East Coast from May 28 to mid-October; energetic abstainer, with good Dispensing, Counter and Photographic experience; give full particulars, including salary expected; enclose photo; applications unanswered 10 days respectfully declined. 17/53, Office of this Paper.

SMART Lady Assistant, with M.P.S. qualifications; must be good Saleswoman, with knowledge of Photographic and Toilet; state salary and enclose photo. Jones, 30 Mardol, Shrewsbury.

UNQUALIFIED Assistant, male, required for high-class Dispensing business; permanency; state age, salary required, experience and when available. Lewis, 36 Haven Green, Ealing, W.5. Phone PERKivale 5713.

UNQUALIFIED Assistant (over 25); capable take charge; good working-class residential district; heavy N.H.I. Full particulars Butterfield, 64 Greenwood Road, Dalston, E.8.

UNQUALIFIED Assistant, young energetic, for Relief Work, occasional goods delivery work to branches and other duties; motor cyclist or motorist preferred. 239/593, Office of this Paper.

UNQUALIFIED Assistants required for the summer season; applicants must be well up in modern pharmacy; energetic and live business men; good salary and commission; permanencies will be offered to competent men. Apply, giving age, full particulars of experience, and salary required, to Secretary, Timothy Whites, Chemists, Portsmouth.

UNQUALIFIED Male Assistant for West-End Pharmacy; recommendations; excellent sales; sound experience; smart, gentlemanly appearance; good education; give full particulars (which is essential to application receiving every consideration, no copy references), stating age, salary required and photograph. 16/18, Office of this Paper.

WANTED at Once, Qualified Assistant (about 25), 15 miles from town; accurate Dispenser, Window-dresser and Counterman. Apply, giving usual particulars of experience, salary required and when disengaged, to 18/35, Office of this Paper.

WANTED.—M.P.S.; experience not essential; working-class pharmacy, W.1 District; residence and partial board arranged if desired; apply, stating salary required (must be moderate); all applications unanswered within a week respectfully declined. E. W., 95 South Hill Park, Hampstead, N.W.3.

YOUNG Lady as Qualified Superintendent; light hours; no Sunday or half-day duties; permanency; commence £3 3s.; Surrey district, near London; knowledge of Salesmanship and Display essential; applications not answered in 7 days respectfully declined. P.C.B. 115/38, Office of this Paper.

WHOLESALE.

A KEEN Representative required, for Scotland, to sell on commission basis plus part expenses well-known Dyes and Pharmaceutical products; established connection with Chemists essential. Apply Whitaker & Co. (Kendal), Ltd., Manufacturing Chemists and Dye Specialists, Kendal.

AGENTS or Representatives, all parts of the country, with good Chemists' Trade connections, requiring excellent line on commission basis. Write 14/1, Office of this Paper.

BEAUTY Preparations.—Representative required for London area; salary, commission, expenses; only experienced men with sound connections will be considered. 239/597, Office of this Paper.

EXPERIENCED Salesmen and Buying Agents for Pharmaceutical Drugs; well acquainted with leading Hospitals, Doctors and Chemists. Write, with references, to British Patent Utility Co., Ltd., 13 Victoria Street, S.W.1.

LOCAL Representatives required for Germicides, Disinfectants, Sweeping Compound, Liquid Soaps, &c., in all industrial areas, by old-established firm of Manufacturing Chemists; send full particulars of experience and area covered; generous commission terms. 239/588, Office of this Paper.

MALT Products.—Wanted, really good man as Representative and to take charge London branch; must have good selling experience and be well known to best buyers in Brewing, Pharmaceutical, Baking and other trades. State age, salary required, full details and when at liberty, in strict confidence, to 239/603, Office of this Paper.

MANUFACTURING Chemists' Laboratory Assistant wanted for a healthy British Dominion; unmarried preferred; useless applying unless possessing Chemist and Druggist qualification; excellent prospects for a really good man; passage paid; 3 years' agreement. Write 239/602, Office of this Paper.

REPRESENTATIVES, energetic and with established connections, wanted for South of Thames and Coast, also Wales, to carry nationally known and advertised proprietary lines, calling on Chemists, Hairdressers and Stores; part expenses and commission. Write Box 191, c/o Knights, 55 Chancery Lane, W.C.2.

REPRESENTATIVE Wanted for London by old-established Manufacturer, to call upon Retail Chemists, Co-operative Societies with drug departments and all Stores and Retailers who sell toilet preparations; man with established connection preferred; age not over 40; own car an advantage; permanency for good man; salary and expenses. Replies, giving full particulars and references, to 239/598, Office of this Paper.

REPRESENTATIVE Wanted; Wales and South of England; on good commission basis; Traveller already well known. Apply, with references, Red Band Chemical Co., Ltd., Richmond Terrace, Edinburgh.

UNQUALIFIED Assistant required with general experience in Manufacturing Departments. Applicants must be unmarried and should write in first instance, giving full particulars of experience, age and salary required, to Mr. Tydeman, International Chemical Co., Ltd., Braydon Road, N.16.

WEE-KURA (FOOT PADS), LTD., KNARESBOROUGH, require Men looking for a whole-time berth with good prospects; only men who can do the trade need write, with lines selling now and ground covered, and terms; (1) nominal salary and commission; (2) straight commission, paid weekly.

WELL-KNOWN London Manufacturing Chemists invite applications from Salesmen having first-class connection amongst London Medical Practitioners doing their own dispensing; all districts except S.E. 239/589, Office of this Paper.

SITUATIONS WANTED.

RETAIL (HOME).

A.A.—SENIOR Assistant; tall, active; speciality, Counter and Photography; London, Spa, Seaside experience; references; unregistered. MacLellan, Wotton-under-Edge.

A.—QUALIFIED Locum or Manager (55); experienced; London preferred; last two situations 13 years and 1½ years. Pharmacist, 210A The Grove, Hammersmith, W.6.

A QUALIFIED Manager, disengaged, 20 years' experience, requires position as Branch Manager, London or suburbs. Davies, 109 Alexandra Drive, Surbiton, Surrey.

A YOUNG Lady (24) requires post; 6 years' Counter and Toilet experience; no Dispensing; East London district preferred. Miss D., 65 Tavistock Gardens, Ilford.

A SSISTANT, part or full time; relief or locum; Unqualified; competent; good personality; well recommended; London district. "Alpha," 41 Selwyn Avenue, Richmond.

A SSISTANT, Unqualified; over 12 years' West-End experience. "Statim," 18 Woodchurch Road, N.W.6.

A SSISTANT, Unqualified (Lady), desires post; experienced and reliable business woman; takes interest in work; competent Dispenser; disengaged shortly. 11/24, Office of this Paper.

A SSISTANT, Unqualified (35), seeks change where integrity, ability, conscientiousness, hard work are appreciated; well recommended; permanency or locum. 17/36, Office of this Paper.

A SSISTANT (22), Part I, good appearance, keen, reliable, 4 years' varied London experience, Dispensing Counter and Photographics, desires post, West End preferred. N. H. Rider, 37 West Hill, S.W.18.

A SSISTANT, 25 years' all-round experience; Dispenser, Salesman; photo; single; active; unregistered. "Statim," 3 Elmwood Avenue, Bath Street, Huddersfield.

A SSISTANT (26), Unqualified, well experienced West End and suburbs; smart appearance; excellent Window-dresser and Salesman, reliable Dispenser; well recommended; position with Chemist-Optician preferred. H. G., 84 Patshull Road, N.W.5.

A SSISTANT (24), Unqualified; West End, seaside, City; N.H.I.; accurate Dispenser, Window-dressing; London. "C.," 44 Turneville Road, W.14.

B RANCH Manager; Qualified; middle-aged; active, progressive proposition; successful; London-Provincial experience; moderate salary; disengaged at month; locality optional. "Capiat," 16/10, Office of this Paper.

C HEMIST, Fully Qualified, exceptional experience and great ability, sound, trained business man, desires a responsible and permanent Management with good prospects for good results and conscientious work. Luminal, 17/30, Office of this Paper.

C OMPETENT, Unqualified Assistant; many years' first-class experience seaside, country, London, quick, clean, accurate Dispenser, Counter; disengaged; moderate salary. Johnstone, 3 Babington Road, Streatham, S.W.16. Phone 1087.

D ISPENSER, Hall, requires locums or part time, Doctor or Chemist, Birmingham, suburbs. 22 Livingstone Road, King's Heath, Birmingham.

E NQUIRIES are invited from Heads of Small Multiple Shop Firms requiring a Competent Buyer and General Manager. Please reply "Aldershot," 8/7, Office of this Paper.

H OOLIDAY Locum; Speciality One-man Business; terms strictly moderate; any distance or district. Ashton, Chemist, 80 Weelsby Road, Grimsby.

L ADY Dispenser (Hall) requires post; London preferred; good all-round Pharmacy experience; disengaged. Denny, 43 Heathdale Avenue, Hounslow.

L ADY (Hall), thoroughly experienced all branches of the work, requires post with good-class chemist; free now. 17/55, Office of this Paper.

L ADY, now disengaged; 12 years' experience; Dispensing, Counter, etc.; London, near or seaside. "C.," 12 Paddock Road, Cricklewood.

L OCUM, disengaged, senior, manage or assist; experienced; competent, reliable worker; references; terms. "Chemicus," 56 Ruddoe Road, Clapham Park, S.W.12.

L OCUM or Manager; disengaged April 23; 20 years' all-round experience, including West End; expert Photographic; highest references. Heathfield, Shelton Road, Boscombe.

L OCUM or Permanency (41), Unqualified; tall; experienced; well recommended; active, dependable, abstainer; now free. Mack, 99 York Road, S.E.1.

L OCUM.—Pharmacist, male; efficient, reliable, experienced; disengaged April 28 till May 22, also after June 13. Hughes, 22 Streatham Hill, S.W.2.

L OCUM; Qualified; middle age; active, reliable, well recommended; booking for season; sold own business. H., 57 The Causeway, Potters Bar, Middlesex.

L OCUM.—W. J. Talintyre, M.P.S., now at liberty; 12 weeks last engagement; booking for summer dates; all-round experience. Ashton-on-Ribble.

L OCUM (40), Qualified; experienced; own business 10 years; Aberdeenshire or North preferred; booking from April 30. Note address, Murray, Haughs of Clinterty, Kinaldie, Aberdeenshire.

L OCUM Work or Permanency required by very experienced Lady Assistant, Unqualified; Counter, light Dispensing, Windows; disengaged; London only. 18/5, Office of this Paper.

M.P.S., F.B.O.A., J.C.Q.O., Expert Refractionist, seeks permanency; 15 years' managing London and provincial; expert Prescriber; Salesmanship, Photography, Agricultural, Window-dressing; married; own Optical equipment; living accommodation; abstainer; excellent references. 17/19, Office of this Paper.

M.P.S., F.B.O.A., J.C.Q.O. (30), requires permanent and progressive position as Manager; good-class business preferred; thoroughly experienced in all branches; reliable and conscientious worker; excellent references. 17/3, Office of this Paper.

M.P.S.—REGISTERED N.P.U. (23; 5 ft. 7 in.); good appearance and address; experienced all branches; London or near; free May 6 till June 30; interview Wednesday or Sunday; salary £4. Apply Chemist, Post Office, Chatterton Road, Bromley, Kent.

M.P.S. (25) desires change; requires position as Manager or Assistant; keen and energetic; London only. 18/4, Office of this Paper.

M.P.S. (39); keen, energetic, thoroughly capable; Private, Hospital and Store experience; excellent references; tall; abstainer; married. Allsopp, 30 Southlands Road, Weymouth.

P ART AND/OR WHOLE TIME.—Unqualified; 8 years' proven ability all branches; now free. Mr. Travers, Chelsea Polytechnic, S.W.

PART-TIME; any hours, any part; widely experienced; all branches; assist or competent take charge. "Chemist," 96 Warwick Street, S.W.1.

QUALIFIED Chemist (about 40), desirous of returning to England, desires Berth with good Pharmacist. Phil, c/o Central Restaurant, The Pollet, Guernsey, Channel Islands.

QUALIFIED; first-class experience in suburbs, City and West End; disengaged. Charles Adam, 31 The Vineyard, Richmond, Surrey.

QUALIFIED, own car, several years manager in West End, desires post as Representative with progressive house; full knowledge of drugs and French and American toilet articles. 18/33, Office of this Paper.

QUALIFIED (23½) desires post, London or Eastern Counties; free now. B. G. Gotts, M.P.S., 9 Orchard Street, Norwich.

QUALIFIED (44), married; immediate; permanent, London or near; excellent references. Chemist, 86 Bensham Manor Road, Thornton Heath, Surrey.

QUALIFIED (28) seeks permanency as Manager or Assistant; excellent all-round experience, 4 years as manager; free one week; Midlands preferred. Davies, 28 Shardlow Road, Alvaston, Derby.

QUALIFIED (40) seeks position as Manager or Senior; good-class and family business experience; well recommended. 17/29, Office of this Paper.

QUALIFIED 10 years; present post 7 years; married, age 35, height 5 ft. 6 ins.; steady, capable, energetic; seeking change, sound permanency. F. J. W., 220 Camberwell New Road, S.E.5.

SMALL-INCOME Elderly seeks light employment; wages accordingly, not under £2; highest references. M.P.S., 76 Olney Street, Walworth.

UNQUALIFIED Assistant, just passed Part I.; young; tall; good all-round experience; good references; requires position in London or South until September. J. Bailey, 3 East Road, Maidenhead.

UNQUALIFIED, high-class training, business ability, desires situation, preferably with time allowed for study. Walsh, 462 Romford Road, E.7.

UNQUALIFIED, many years' experience Retail, Wholesale, Buying, seeks position where knowledge would be of service. 16/13, Office of this Paper.

UNQUALIFIED (38), disengaged; good appearance and personality; experienced in all branches good-class trade; long period references; seeks permanency, any district. Hays, 23 Agamemnon Road, W. Hampstead, N.W.6.

UNQUALIFIED (23), Part I, desires situation in Southport or Liverpool districts; tall; good Salesman, Dispenser, Window-dresser; locum considered; permanency preferred. Rae, St. Andrew's Drive, Blundellsands, Liverpool.

WHOLESALE.

A POSITION desired by experienced Perfumery Salesman, recently disengaged, with proved connections; hard worker; good appearance; excellent references. 13/1, Office of this Paper.

ADVERTISER (28) desires position with Manufacturers or Wholesalers; good training; own business for 5 years. Walsh, 462 Romford Road, E.7.

A N Accomplished Medical Interviewer and skilled Propagandist, with wide experience and a unique knowledge of Medical Men, their requirements and susceptibilities, desires re-engagement. "Zealous," 21 Gloucester Place, Brighton.

CHEMIST (Qualified), young, desires position as Representative with reputable House; Retail and Travelling experience; own car; Wales and/or West of England preferable. 17/28, Office of this Paper.

ENERGETIC and Ambitious Young Man (26) desires good Agencies or Representation of reputable firm; live connection Chemists, Hairdressers and Stores in Lancashire, Cheshire and North Wales; 5 years' Retail experience. 11/17, Office of this Paper.

LONDON Sales Manager, with staff of Travellers working Home Counties, offers services to Manufacturers requiring larger sales; commission basis. P.C.B. 115/22, Office of this Paper.

MANUFACTURING and/or Wholesale, Packed Goods, Toilets, Patents, &c.—Advertiser (32), honest and trustworthy worker, offers services where sound experience of costing, buying, organisation (stocks, orders, despatch, &c.) the essentials for more net profit, can be used in capacity as manager of branch works, depot or similar appointment. 18/9, Office of this Paper.

SALESMAN (25), good appearance, 3 years with one house, desires change to represent First-class House; Toilets, Perfumery or Packed Pharmaceuticals; good connection with Stores, Chemists in London. P.C.B. 116/1, Office of this Paper.

CLEAR OUT—your Old or Damaged Stock of Photo Goods.

Why keep them any longer? Turn them into CASH. I GIVE BEST PRICES for Old Films (damaged, fogged or expired dates); Packet Papers, Cards (any sizes), Old Photo Goods or Cameras, Bromide Papers, Plates (all sizes, all makes). Send any goods in the photo line. I buy all, good or bad. Cash per return. A good price for all Cameras. Send them along. S. E. HACKETT, 23 July Road, Liverpool

FOR SALE.

(Articles to the value of £5-£50.)

FOR DISPOSAL.—Valuable "Trade Mark" and Formula for a Shampoo Cream. Markets sampled with success, and only needs a concern with a sales organisation to effect big results. Definite enquiries from abroad. 17/350, Office of this Paper.

MICROSCOPE and Sensitive Chemical Balance.—Beck's 22c. Microscope, cost £24 19s.; Becker's Chemical Balance, with Platinum Weights, cost £29 10s.; both in cabinets, never used and absolutely new; price £40. 239/594, Office of this Paper.

NATIONAL Cash Register; press down key model; condition as new; price reasonable. Write R. Clark, 1 Guildford Road, Walthamstow, E.17.

MISCELLANEOUS.

CHEMISTS' FITTINGS IN MAHOGANY OR OAK.—Drug Fittings, Wall Cases, Dispensing Screens, Serving Counters, All-glass Counters, Silent Salesman, Counter Drawers, Window Fittings and Enclosures. Send your requirements for lowest prices and satisfaction to GEORGE COOK, The Working Shopfitter, 27 Macclesfield Street, E.C.1. Phone: Clerk. 5371. Rough sketches free.

CHEMISTS' FITTINGS.—We hold an immense stock of Drug Fittings, Dispensing Screens, Glass-fronted Counters, Perfumery Cases, Nests of Drawers, Wall Cases, Silent Salesmen, Upright and Flat Counter Cases, Plate Glass Counters, Cash Tills, Display Stands and Glass Shelves, &c., at competitive prices. F. MAUND & E. BERG (SHOWCASES), LTD., Shop Fitters and Shop Front Builders, 175/9 Old Street, London, E.C.1.

LIMITED COMPANIES REGISTERED.—I have now been engaged in this work over 20 years, so you may rely that my experience in Chemist and other Companies (I take all trades) is hard to beat. Most reasonable and inclusive fee. Advice free. A. B. SLACK, 721 Princess Road, West Didsbury, Manchester.

SPECIAL Set of Mahogany Fittings to suit good-class Pharmacy, can be adjusted to suit requirements; 6-ft. special All-glass Counter fitted with drawers under, 10-ft. Drug Fitting, 6-ft. Ideal Dispensing Screen, 8-ft. Wall Showcase, inclusive of packing and insurance £87 10s. Write for sketches and particulars, PHILIP JOSEPHS & SONS, LTD., 90/92 St. John Street, Clerkenwell, E.C.1. Telephone: Clerkenwell 2191. "Pharmacy fitters for over a century."

WANTED.—Second-hand (new condition) Toiletary Plant; Peerless and Morton Whisk Type of Machines of 2-5 gallons and 10-20 gallons capacity (electrically driven). Small Emulsifier, Collapsible Tube and Jar Filling Plant and Tube Closing Machine. Any other useful plant considered. To expedite negotiations send makers' price lists and year of make. State lowest prices and where to be seen to 15/7, Office of this Paper.

£9—COMPLETE CHEMIST FITTINGS at any price you wish to pay. We have erected in our showroom a Complete Chemist's Shop with Metal Shop Front, Window Backs, Correct Window Lighting Signs and Modern Interior Fittings. Apply for Lists. D. MATTHEWS & SON, LTD., "The Liverpool Shop Fitters," 14 and 16 Manchester Street, Liverpool. Est. 1848.

EXCHANGE COLUMN.

WANTED.

CARBOY, 10-gallon, pear-shaped. Neave, Chemist, Witney, Oxon.

NOVELTIES Wanted to Buy Rights of patented or registered articles. 239/595, Office of this Paper.

STILL, second-hand, in good condition, suitable for rectification of Essential Oils; 50 gallons capacity. Full particulars to 239/592, Office of this Paper.

WANTED, Second-hand Optical Trial Case, good condition; give full particulars. 17/47, Office of this Paper.

